METEOROLOGICAL OFFICE

LONDON.

DAILY WEATHER REPORTS.

1ST JULY—31ST DECEMBER.

1884.

Soc. Reg. Lond.

DAILY WEATHER REPORT.

July to December 1884.

DAILY WEATHER REPORT

for Friday 1st August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level	Temp. in Shade.	Direc.	Force. (0 to 12)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12)	Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.
Haparanda	30·29	55	NE	2	b	30·25	−·13	56	50	0	ENE	4	bc	*	66	39	–
Hernösand ...	30·22	56	NE	6	c	30·10	−·15	56	51	+2	NE	8	o	*	64	52	–
Stockholm ...	29·83	56	?	8	r	29·79	−·16	52	52	−5	NNE	6	r	*	63	?	2·13
Wisby	29·68	55	E	4	o	29·71	−·09	61	51	+2	E	4	c	*	66	54	0·04
Bodö	30·20	62	ESE	2	bc	30·19	−·04	60	53	+1	ENE	4	b	2	68	52	–
Christiansund ...	30·11	58	Z	0	b	30·11	+·08	57	55	−3	Z	0	f	0	63	50	–
‡Skudesnaes ...	30·15	56	WNW	2	bc	30·12	+·02	59	57	+1	NNE	1	c	2	?	55	–
Oxö (Xuansund) ...	30·10	61	WSW	2	b	30·10	+·03	58	55	−1	NNW	2	b	1	66	54	–
Skagen (The Skaw)	30·05	61	N	4	o	30·02	−·01	60	55	−1	NNE	5	b	4	67	59	–
Fanö	30·15	52	NNW	2	b	30·09	−·04	68	58	+4	NNW	4	b	*	63	50	–
Cuxhaven, ...	30·16	59	NW	3	b	30·12	·00	63	59	+3	NNW	2	b	*	?	56	–
‡Sumburgh Head	30·10	55	NW	3	o	30·18	+·09	57	52	+2	Z	0	bc	0	57	50	0·37
‡Stornoway ...	30·13	62	W	3	c	30·05	−·05	56	55	0	SE	3	r	2	65	52	0·06
Wick	30·15	58	Z	0	o	30·12	+·02	56	54	0	SSE	2	o	0	65	46	–
Nairn	30·13	63	Z	0	c	30·09	−·03	58	55	+1	Z	0	o	0	69	53	–
‡Aberdeen	30·15	60	E	2	c	30·15	+·07	58	57	−2	SSE	2	c	1	65	57	–
Leith	30·12	64	NW	1	c	30·12	+·01	58	56	−2	NE	1	cm	*	71	52	–
‡Shields	30·15	65	N	2	c	30·13	−·01	56	51	−6	NE	2	cm	2	71	54	–
Spurn Head ...	30·14	64	SSE	3	c	30·12	−·04	63	62	+1	SE	2	bcm	2	71	58	–
York	30·15	68	NNW	1	o	30·11	−·05	62	60	0	NNW	1	b	*	74	65	–
Loughborough...	30·15	70	WSW	2	o	30·11	−·08	61	60	−1	SSE	1	bcmw	*	73	53	–
‡Ardrossan ...	30·16	60	Z	0	c	30·08	−·07	58	57	+2	NE	1	ofr	1	64	54	–
‡Mullaghmore ..	30·10	60	E	1	ofm	29·94	−·20	61	57	+5	ESE	5	c	3	63	55	0·06
Donaghadee ...	30·16	58	SSE	1	c	30·07	−·10	57	57	+1	S	1	o	0	59	53	–
Parsonstown ...	30·11	66	Z	0	o	29·95	−·21	64	60	+4	SSE	2	c	*	67	53	–
Barrow-in-Furness	30·16	62	SW	2	bc	30·09	−·06	60	59	0	NE	2	b	1	63	57	–
‡Holyhead ...	30·16	62	SSW	2	bc	30·05	−·13	64	62	+6	Z	0	bc	0	65	54	–
Liverpool (Gladstone)	30·17	63	NNW	1	o	30·07	−·11	61	60	−2	SE	2	f	2	69	56	–
‡Valencia	30·08	63	SSE	4	o	29·81	−·33	64	62	+3	SE	7	c	6	64	59	–
Roche's Point ..	30·13	60	SSE	1	bc	29·94	−·25	64	61	+3	SE	4	b	4	67	59	–
Pembroke ...	30·16	63	W	1	bc	30·02	−·18	64	62	+4	ESE	3	bc	2	64	58	–
‡Scilly	30·11	65	E	4	bc	29·96	−·24	64	63	0	ESE	4	bm	3	67	60	–
Prawle Point ..	30·16	65	NE	2	b	30·06	−·15	65	60	−4	ENE	3	b	2	69	60	–
Hurst Castle ...	30·17	66	WSW	2	bc	30·10	−·11	63	62	+4	NNE	1	mw	1	68	56	–
‡Dungeness ...	30·17	64	SSW	1	b	30·11	−·10	65	61	0	Z	0	b	0	70	51	–
‡London ...	30·15	73	SW	1	cm	30·12	−·09	65	63	0	SE	1	mw	*	78	56	–
Oxford	30·16	67	NW	1	b	30·09	−·11	68	64	+3	Z	0	bw	*	75	56	–
Cambridge ...	30·15	73	SW	1	c	30·11	−·08	66	63	+1	NNW	1	b	*	77	57	–
‡Yarmouth ...	30·17	65	NE	2	c	30·12	−·05	63	61	−2	ENE	3	bcw	2	68	60	–
The Helder ...	30·16	64	W	1	o	30·12	−·07	61	60	+1	N	1	f	1	68	?	–
Cape Griz Nez...	?	66	N	1	c	?	?	62	62	−2	S	1	f	0	77	59	–
‡Jersey ...	30·14	73	NE	1	bm	30·06	−·14	69	64	+1	E	1	bmw	1	77	63	–
Brest ...	30·11	77	Z	0	b	30·03	−·14	64	63	+1	ESE	3	b	1	79	63	–
Lorient	–	–	–	–	–	30·05	−·13	64	62	+3	E	4	b	1	104	59	–
‡Rochefort ...	30·13	77	NW	4	b	30·08	−·12	68	68	+2	E	4	b	2	91	61	–
Biarritz	30·04	78	N	3	b	30·03	−·05	73	69	+8	Z	0	b	0	84	?	–
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·10	−·13	69	62	+5	WNW	1	b	*	70	?	–
Charleville ...	?29·99	77	ESE	1	bc	?30·13	?	62	58	+1	S	1	b	*	79	55	–
Paris	30·18	79	S	1	b	30·12	−·14	69	64	+1	S	1	b	*	*	*	–
Lyons	30·13	77	N	1	b	30·12	−·10	66	59	+4	SE	1	b	*	80	59	–
Toulon	30·30	73	SW	3	m	30·28	·00	64	59	−3	E	3	f	2	77	59	–

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b, blue Sky; c, detached clouds; d, drizzling rain; f, fog; g, dark, gloomy; h, hail; l, light rain; m, misty (hazy) o, overcast; p, passing showers; q, squally; r, rain; s, snow; t, thunder; u, ugly, threatening; v, visibility, unusual transparency; w, dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Friday 1st August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and three barbs and feathers refer to force, thus —*

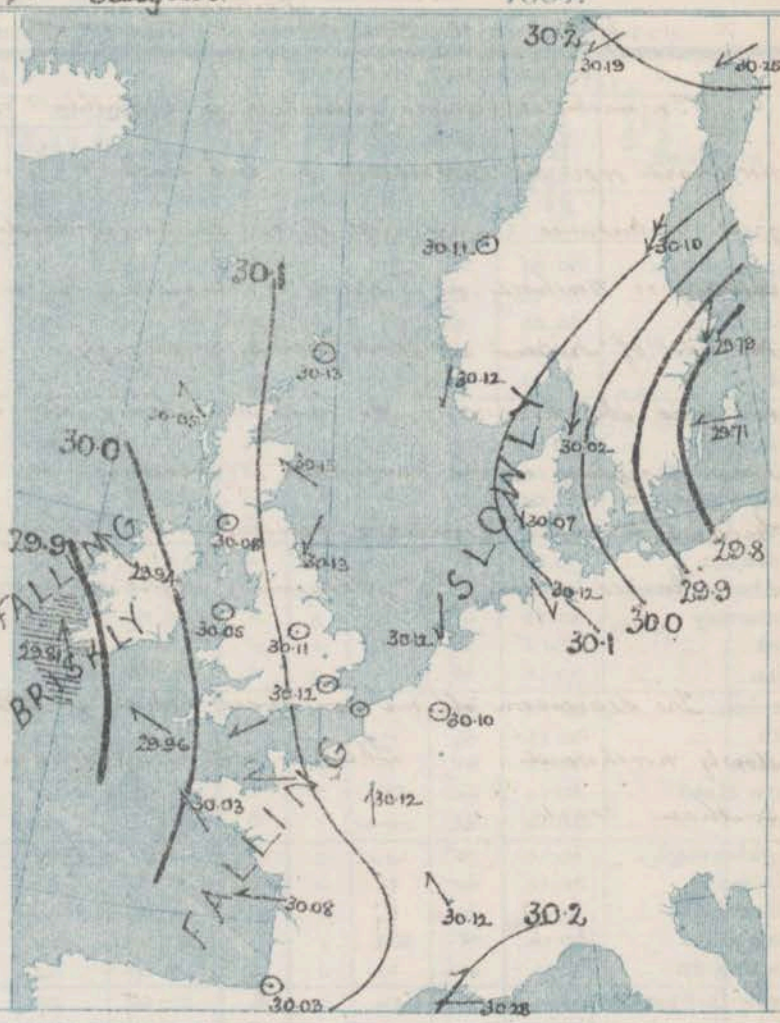
⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29·806
Stornoway	29·900
Wick	29·822
Nairn	29·829
Aberdeen	29·835
Leith	29·832
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·949
Dover	29·945
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather — *is shown by Letters of the Beaufort Scale.*

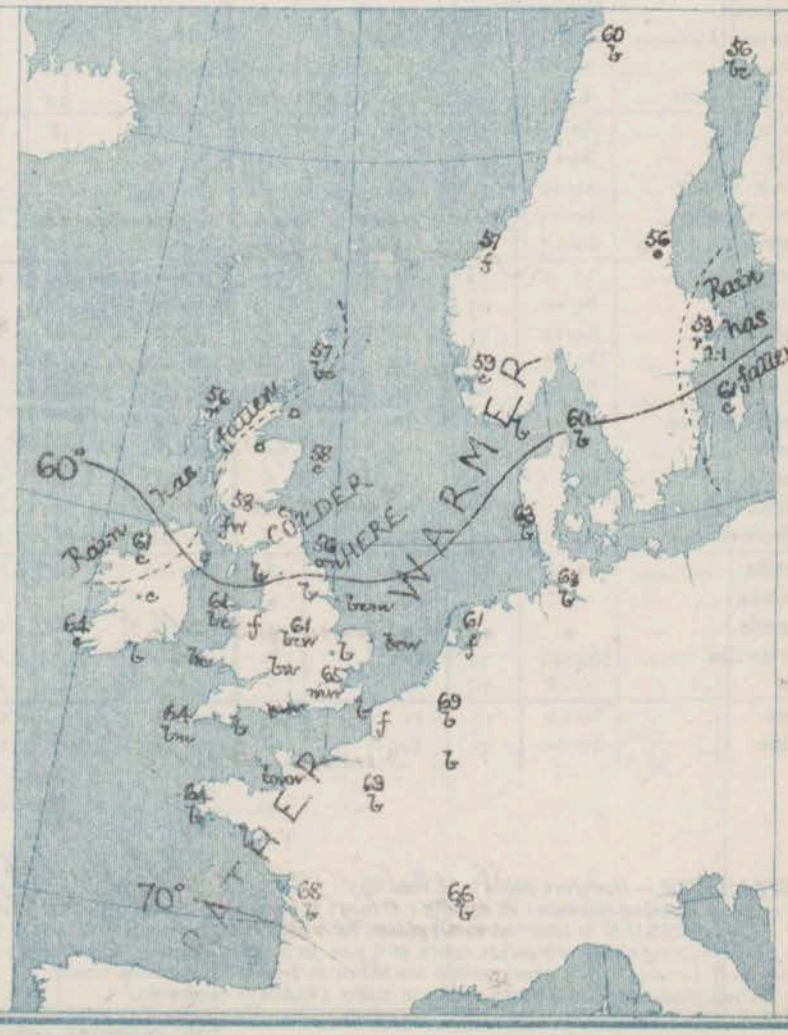
Rainfall — *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins.
Sumburgh Head	54·1	52·4	3·40
Stornoway	55·8	53·9	3·62
Wick	55·6	53·6	2·40
Nairn	56·0	53·1	2·99
Aberdeen	56·8	53·9	3·33
Leith	56·7	55·2	2·62
Shields	58·0	55·3	2·74
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·3	2·93
Liverpool	58·2	56·1	2·65
Valencia	59·8	57·1	4·69
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	59·8	2·54
Dover	62·3	59·6	2·24
LONDON	61·9	58·6	2·45
Oxford	59·6	57·3	2·96
Cambridge	60·7	57·9	2·26
Yarmouth	61·4	58·5	2·26

NOTE — *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*



REMARKS.

for Friday 1st August 1884, at 8 a.m.

Barometrical pressure is highest in the southeast of France, but a long band of relatively high readings extends northwards over the Netherlands, our east coasts & the North Sea. A depression still lies over the Baltic & a fresh disturbance has appeared off our southwest coasts, where the barometer is falling briskly. The wind is Northeasterly or Northerly in Sweden & Denmark, but in our islands & France it varies between SE. & E. and in the west of Ireland it blows freshly or strongly. The weather is cloudy in Scotland & the north of Ireland, but fine elsewhere. An unusually heavy dew occurred over England last night. Temperature has risen sweepingly in the northeast, & readings now range from 69° at Jersey to 55° at Wick. The highest maxima registered yesterday were 78° in London, 77° at Cambridge & Jersey, & 75° at Oxford. The sea is rough at Valencia, slight or smooth elsewhere.

The depression off our southwest coasts is likely either to remain stationary for a time or to move slowly northwards. There is still some tendency for shallow disturbances to advance towards our southern coasts

FORECASTS

For the 24 hours ending at NOON on 2nd August 1884.
(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE. winds, light or moderate; fair generally.	6 SCOTLAND WEST	Light or moderate breezes, chiefly SE.; fair generally
1 SCOTLAND EAST	..... D ..... D ..... D	7 ENGLAND N.W.	..... D ..... D ..... D .....
2 ENGLAND N.E	Same as No. 5	8 ENGLAND S.W	SE. winds, moderate or fresh; fair generally
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	SE. winds, fresh or strong; cloudy probably some rain
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... D ..... D ..... D .....
5 ENGLAND SOUTH	SE. or E. winds, light; fine & warm at first, doubtful later, perhaps thunder	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, (13).

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·12	62	57	WNW	4	bc	2
Sumburgh Head	30·06	55	54	NNW	3	c	1
Stornoway	30·12	64	58	WSW	4	c	3
Aberdeen	30·13	64	59	N	2	c	1
Shields	30·13	70	63	W	4	c	1
Ardrossan	30·16	61	58	Zero	0	0	0
Mullaghmore	30·12	62	59	NW	1	ow	2
Holyhead	30·18	63	60	SSW	2	c	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	30·12	63	61	SSE	4	cm	4
Scilly	30·14	66	62	ESE	3	bc	3
Dungeness	30·20	69	64	SSW	1	bc	2
London	30·16	75	64	Zero	0	c	*
Yarmouth	30·17	67	64	NNE	2	b	2
Jersey	30·17	75	67	Zero	0	b	0
Rochefort	30·17	90	73	Zero	0	c	2

REMARKS.

The barometer is falling a little both at the southern and western stations, and warm fair weather prevails very generally. No other change of importance is noted. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

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for Saturday 2nd August 1884.

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STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·12	57	WSW	2	0	29·98	-·27	53	50	-3	NE	4	0	*	63	43	-
Hernösand ...	30·01	53	NNE	6	1	29·93	-·17	54	53	-2	NE	4	0	*	63	50	0·20
Stockholm ...	29·87	53	NNE	1	0	29·84	+·05	55	54	+3	NNW	2	0	*	61	52	0·08
Wisby	29·76	55	NNE	6	0	29·77	+·06	54	52	-1	N	4	0	*	63	50	0·04
Bodö	30·11	52	[illegible]	0	0	30·04	-·15	60	55	0	E	2	0	*	66	52	-
Christiansund ...	30·10	55	NNE	2	0	29·99	-·12	53	52	-4	E	2	0	1	59	48	-
‡Skudesnæs ...	30·04	57	NW	2	0	29·99	-·13	58	54	-1	E	2	0	3	?	?	-
Oxö (Christiansand) ...	30·01	63	WSW	4	0	30·01	-·09	60	58	+2	NE	4	0	2	63	55	-
Skagen (The Skaw)	29·99	60	N	2	0	29·97	-·05	61	56	+1	N	0	0	0	66	54	-
Fanö	30·04	58	NNW	2	0	30·02	-·05	63	59	0	NNE	1	0	*	68	50	-
Cuxhaven ...	30·08	60	NW	3	0	30·04	-·08	65	63	+2	N	0	0	*	?	55	-
‡Sanburgh Head	30·07	54	E	3	0	29·84	-·29	54	54	-3	E	4	0	4	58	53	-
‡Stornoway ...	29·86	62	NE	4	0	29·56	-·49	61	56	+5	S	6	0	5	67	54	-
Wick	30·01	56	SE	5	0	29·74	-·38	56	51	+1	SE	5	mu	3	61	53	-
Nairn	29·92	68	ENE	1	0	29·75	-·34	68	61	+10	ENE	1	0	1	73	58	-
‡Aberdeen	30·05	58	SSE	2	0	29·74	-·41	59	57	+1	S	4	0	1	62	55	-
Leith	29·96	60	SE	3	m	29·74	-·38	65	60	+7	SW	4	cm	*	66	56	-
‡Shields	30·03	58	E	2	0	29·83	-·30	63	61	+7	S	2	og	2	63	55	-
Spurn Head ...	30·02	62	ESE	5	0	29·90	-·22	65	63	+2	SE	2	bcm	3	65	60	-
York	29·99	72	ESE	2	0	29·88	-·23	68	62	+6	S	2	0	*	78	59	-
Loughborough...	29·98	79	S	3	0	29·90	-·21	67	62	+6	WSW	4	bcmw	*	82	60	-
‡Ardrossan ...	29·89	70	E	2	bc	29·73	-·35	59	57	+1	S	4	0	3	71	52	0·07
‡Mullaghmore ...	29·61	71	SSE	6	cm	29·59	-·35	57	54	-4	SW	8	ogms	6	74	54	0·02
Donaghadee ...	29·89	61	SSE	5	0	29·76	-·31	60	56	+3	W	4	0	2	65	55	-
Parsonstown ...	29·74	65	SSE	2	0	29·80	-·15	57	52	-7	SW	3	0	*	75	55	-
Barrow-in-Furness	29·89	72	SE	4	0	29·83	-·26	60	57	0	SW	6	0	4	75	50	-
‡Holyhead ...	29·89	70	SSW	3	0	29·88	-·17	60	57	-4	SSW	4	bc	3	79	57	0·02
Liverpool (Bidston)	29·91	77	SSE	2	0	29·87	-·20	61	56	0	SW	5	0	3	79	61	-
‡Valencia	29·66	61	S	7	1	29·36	+·05	57	54	-7	?S	6	omq	3	65	54	0·21
Roche's Point ..	29·79	61	S	5	0	29·89	-·05	60	57	-4	WSW	5	c	4	65	55	0·06
Pembroke ...	29·91	64	SSW	4	bc	29·92	-·10	60	55	-4	WSW	4	cv	3	70	58	0·01
‡Scilly	29·92	63	SW	4	0	29·99	+·03	61	58	-3	WSW	4	0	4	68	57	-
Prawle Point ...	29·98	66	ENE	1	0	29·99	-·01	61	60	-4	W	3	0	2	71	58	0·01
Hurst Castle ...	30·01	71	SSE	2	0	29·95	-·15	65	62	+2	WSW	3	0	1	73	60	-
‡Dungeness ...	30·05	66	ESE	2	bc	29·91	-·14	65	62	0	SE	2	c	2	71	60	-
‡London... ...	30·02	75	ESE	2	bc	29·94	-·18	72	64	+7	S	3	0	*	83	59	-
Oxford	29·98	73	S	1	0	29·93	-·16	67	63	-1	SE	2	0	*	80	61	-
Cambridge ...	30·03	75	SE	1	0	29·92	-·19	70	65	+4	SSE	1	0	*	82	58	-
‡Yarmouth ...	30·07	66	ESE	2	0	29·96	-·16	65	63	+2	SSE	3	0	2	67	60	-
The Helder ...	30·06	63	[illegible]	1	bc	30·00	-·12	64	62	+3	ESE	1	0	1	68	61	-
Cape Griz Nez...	?	66	NNE	4	bc	?	?	72	66	+10	E	0	0	0	73	61	-
‡Jersey	29·98	77	ENE	1	bm	30·01	-·05	61	61	-8	NNW	1	omw	1	81	59	-
Brest	29·99	68	SSW	3	0	30·03	·00	59	59	-5	NW	3	mw	2	79	59	-
Lorient	30·02	73	SW	1	0	30·04	-·01	59	59	-5	NNW	4	0	2	93	55	-
‡Rochefort ...	29·91	81	NNW	3	0	30·03	-·05	69	68	+1	SW	4	0	2	88	63	-
Biarritz	29·92	94	E	4	0	30·09	+·06	68	65	-5	W	4	0	2	100	68	-
Corùnna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·00	-·10	69	64	0	NW	1	0	*	82	61	-
Charleville ...	?30·02	77	ENE	1	0	?30·03	-·10	62	59	0	E	1	0	*	75	55	-
Paris	30·04	82	W	0	0	30·03	-·09	71	63	+2	W	0	0	*	*	*	-
Lyons	30·00	83	E	1	0	30·06	-·06	69	63	+3	SE	1	0	*	87	62	-
Toulon	30·26	69	SW	1	m	30·24	-·02	66	64	+2	W	0	m	1	75	63	-

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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Frost Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Saturday 2nd August *1884.*

BAROMETER, WIND & SEA.

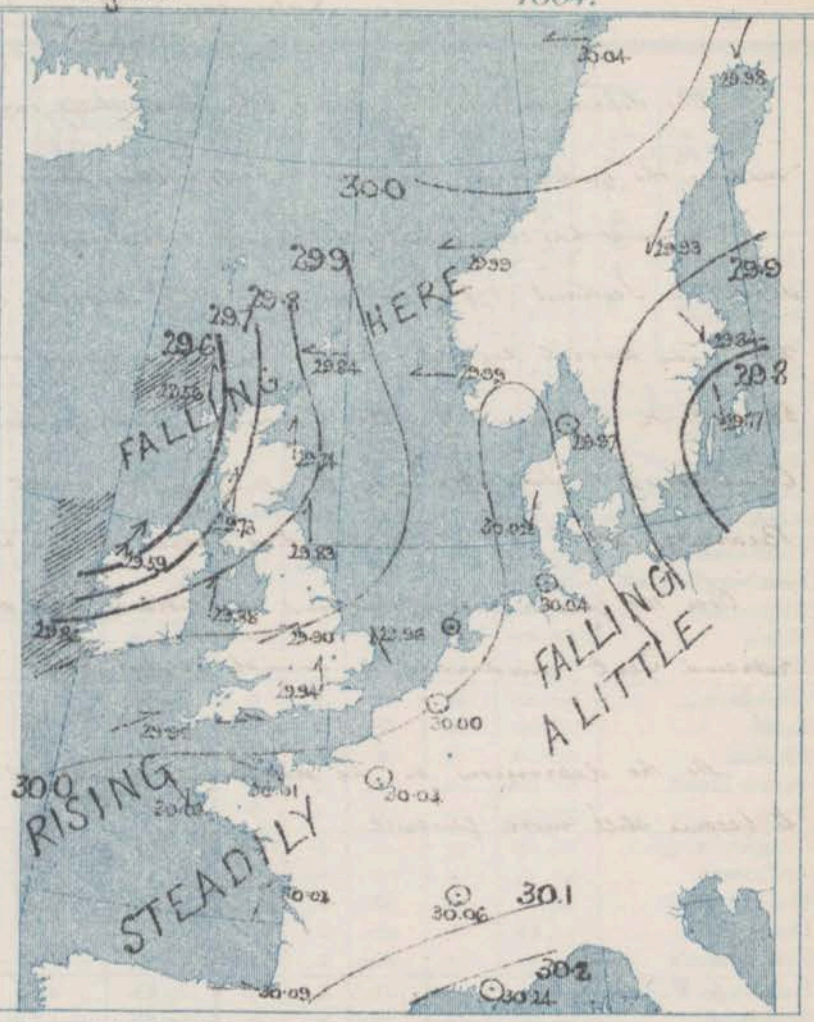
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailed winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August.
During the 10 Years 1871 — 1880.

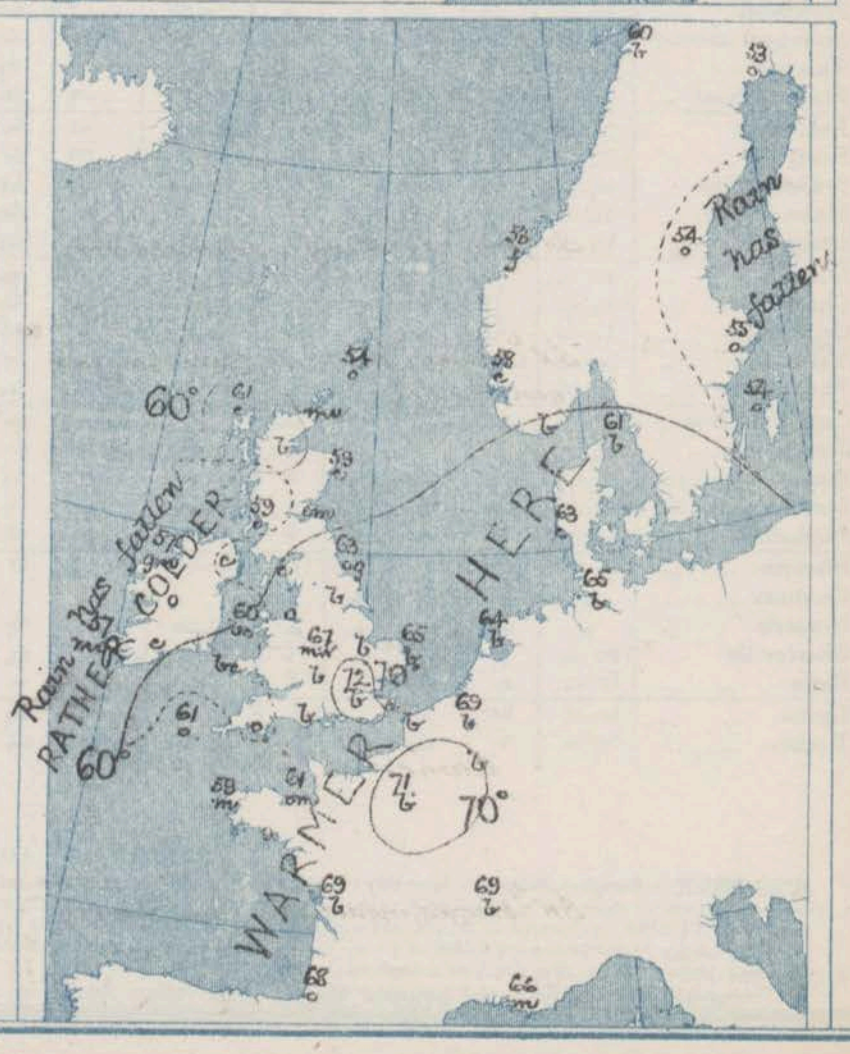
STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 852
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 938
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*



MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb	
	°	°	ins.
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 93
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 51
Dover	63 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 43
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 9	58 · 5	2 · 26

NOTE – *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*

REMARKS.

for Saturday 2nd August 1884, at 8 a.m.

The depression which appeared to be approaching our extreme western coasts yesterday lies off the northwest of Ireland, making the gradients for Southerly & Southwesterly winds steep over the northern & northwestern parts of the Kingdom.

The wind has consequently increased considerably in those regions, blowing a fresh to strong breeze from S. & SE. in Scotland, & from SW in the north of Ireland; at Mullaghmore a fresh gale is reported. Temperature has risen several degrees except in the west, & northwest, & is now as high as 72° in London, 70° at Cambridge & 68° at York & Nairn. The maximum readings recorded yesterday were as high as 83° in London, 82° at Cambridge & Loughborough, 81° at Jersey & 80° at Oxford. At Lorient the maximum was 83° & at Biarritz 100° F. Some rain has fallen in the west & northwest, & the sky there is still overcast.

Over the greater part of England & Scotland the weather is fine & bright. The sea is rough in the extreme west, moderate to smooth elsewhere.

As the depression in the northwest passes off to the north-north-eastward, fine weather is likely to become still more general.

FORECASTS

for the 24 hours ending at NOON on 3rd August 1884.
(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW by W breezes, strong; some showers.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	SW by W breezes, fresh or moderate; fair generally.	7 ENGLAND N.W.	SW by W breezes, fresh; some showers.
2 ENGLAND N.E	..... D° ..... D° ..... D°	8 ENGLAND S.W	Same as No. 5.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	Same as No. 7.
4 MIDLAND COUNTIES	Same as Nos. 1 & 2.	10 IRELAND SOUTH	Same as No. 7.
5 ENGLAND SOUTH	SW by W breezes, moderate; fine, warm.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, 131.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.08	65	58	WNW	2	6	2	Valencia	29.94	63	62	SE	7	o'cast	6
Sumburgh Head	30.11	57	55	E	2	8	1	Scilly	29.93	69	64	S	4	0	1
Stornoway	29.97	64	59	NE	2	0	2	Dungeness	30.08	69	65	ESE	2	6	1
Aberdeen	30.10	59	56	SE	3	0	1	London	30.04	79	66	S	2	8c	*
Shields	30.07	58	57	E	2	0	2	Yarmouth	30.13	67	62	SE	2	8	2
Ardrossan	29.95	70	65	ESE	1	0	1	Jersey	30.02	76	67	2	0	8	0
Mullaghmore	29.68	70	65	SE	6	0	4	Rochefort	30.07	84	76	NNW	3	8	2
Holyhead	29.95	77	58	SE	3	6	2								

REMARKS.

The depression in the south west appears to be almost stationary, but the barometer continues to fall generally - most in the west and north. The winds and weather have undergone little change since the morning. The sea is rather rough at Valencia

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The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Sunday 3rd August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.91	53	NE	4	o	29.83	− .15	53	52	0	E	2	o	*	?	?	—
Hernösand ...	29.95	54	Z	0	o	29.92	− .01	58	54	+ 4	Z	0	o	*	59	50	—
Stockholm ...	29.88	57	NW	2	r	29.90	+ .06	54	52	− 1	NNW	2	o	*	59	50	0.32
Wisby	29.80	54	N	4	o	29.85	+ .08	55	53	+ 1	N	4	o	*	59	52	0.04
Bodö	29.93	60	ENE	2	b	29.86	− .18	59	55	− 1	ESE	2	b	1	66	50	—
Christiansund ...	29.84	63	ENE	2	b	29.83	− .16	60	56	+ 7	SSW	2	b	1	66	58	—
‡Skudesnaes ...	29.91	61	SSE	6	f	29.86	− .13	61	58	+ 3	SSE	6	o	4	61	58	—
Oxö (Xtiansund) ...	29.97	62	SW	4	bc	29.92	− .09	64	59	+ 1	NNW	2	m	1	72	55	—
Skagen (The Skaw)	29.96	59	WNW	2	b	29.92	− .05	64	60	+ 3	S	2	c	1	70	57	—
Fanö	29.97	57	Z	0	c	29.86	− .16	66	64	+ 3	S	4	c	*	68	53	—
Cuxhaven ...	30.01	64	E	1	b	29.93	− .11	69	67	+ 4	S	2	bc	*	?	59	0.10
‡Sumburgh Head	29.65	58	SE	5	b	29.68	− .16	54	53	0	SSW	3	c	3	60	51	—
‡Stornoway ...	29.53	56	SSW	7	cb	29.57	+ .01	54	53	− 7	SSW	7	ro	6	62	52	0.27
Wick	29.65	58	SW	4	r	29.69	− .05	58	54	+ 2	SW	5	bc	3	68	52	0.05
Nairn	29.67	62	SW	4	c	29.71	− .04	59	53	− 11	SW	3	c	2	71	53	—
‡Aberdeen	29.74	62	SW	4	b	29.81	+ .07	59	54	0	SSW	4	b	1	69	50	—
Leith	29.78	61	SW	4	c	29.84	+ .10	58	52	− 7	W	3	bc	*	66	53	—
‡Shields	29.86	65	WSW	4	o	29.93	+ .10	57	54	− 6	SW	2	*	2	68	54	—
Spurn Head ...	29.90	67	W	3	c	29.99	+ .09	60	57	− 5	W	3	bc	2	76	55	—
York	29.92	64	W	3	c	30.00	+ .12	60	55	− 8	WNW	5	c	*	72	53	—
Loughborough...	29.94	67	W	3	c	30.03	+ .13	61	56	− 6	WNW	5	bcw	*	73	53	—
‡Ardrossan ...	29.79	58	SW	5	c	29.86	+ .13	57	56	− 2	SW	5	c	4	60	54	—
‡Mullaghmore ...	29.78	58	WSW	7	om	29.87	+ .28	55	52	− 2	WSW	6	om	5	61	54	0.02
Donaghadee ...	29.85	59	W	5	bc	29.91	+ .15	59	55	− 1	W	4	bc	2	63	52	—
Parsonstown ...	29.92	60	SW	2	o	29.98	+ .18	56	52	− 1	SW	2	ogq	*	62	52	—
Barrow-in-Furness	29.90	60	SSE	6	bc	29.96	+ .13	58	53	− 2	WSW	4	c	5	63	57	—
‡Holyhead ...	29.94	58	SSW	4	bc	30.00	+ .12	58	55	− 2	SW	3	c	3	62	55	—
Liverpool (Bidston)	29.94	60	SW	2	c	29.99	+ .12	59	53	− 2	SW	1	o	2	66	56	—
‡Valencia	29.96	58	WSW	4	om	30.03	+ .17	56	53	− 1	W	4	o	5	62	51	0.01
Roche's Point ..	30.00	58	W	4	c	30.04	+ .15	58	55	− 2	W	3	c	3	65	56	0.01
Pembroke ...	29.98	59	WSW	4	c	30.05	+ .13	58	56	− 2	WSW	4	c/o	3	61	56	—
‡Scilly	30.05	61	WSW	3	o	30.09	+ .10	63	59	+ 2	WSW	2	c	5	64	56	—
Prawle Point ...	30.05	61	SW	3	b	30.15	+ .16	61	57	0	WSW	2	c	1	65	54	—
Hurst Castle ...	30.00	65	NW	3	b	30.11	+ .16	61	57	− 4	WNW	3	c	1	71	53	—
‡Dungeness ...	29.97	66	WSW	4	b	30.07	+ .10	65	58	0	NW	3	bc	3	71	55	—
‡London... ...	29.97	72	? NW	3	bc	30.09	+ .15	63	57	− 9	SW	2	c	*	82	53	—
Oxford	30.01	60	SW	2	c	30.07	+ .14	60	55	− 7	SW	4	c	*	71	54	—
Cambridge ...	29.94	73	SE	2	bc	30.04	+ .12	62	56	− 8	SW	1	bc	*	80	52	—
‡Yarmouth ...	29.90	73	N	2	b	30.02	+ .06	62	57	− 3	W	2	b	2	74	56	—
The Helder ...	29.93	71	SSE	1	bc	29.99	− .01	64	60	0	NNW	1	bc	1	79	63	—
Cape Griz Nez...	?	65	WSW	5	b	?	?	60	59	− 12	WNW	4	bc	3	?	59	—
‡Jersey	30.07	63	WNW	3	b	30.14	+ .13	62	56	+ 1	Z	0	o	0	67	56	—
Brest	30.11	65	NW	3	o	30.14	+ .11	60	57	+ 1	Z	0	o	0	77	55	—
Lorient	30.08	64	NNW	5	b	30.16	+ .12	60	57	+ 1	NNW	4	bc	2	77	55	—
‡Rochefort ...	30.12	68	WNW	7	bc	30.15	+ .12	66	64	− 3	Z	0	o	2	79	59	—
Biarritz	30.10	69	N	4	c	30.11	+ .02	67	64	− 1	Z	0	o	1	73	66	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.03	+ .03	65	62	− 4	W	3	bc	*	86	62	—
Charleville ...	? 30.64	82	NW	1	b	? 30.05	+ .02	68	62	+ 6	SE	1	b	*	90	58	—
Paris	29.96	77	Z	0	b	30.13	+ .10	63	59	− 8	W	4	b	*	*	*	—
Lyons	30.01	88	NE	1	b	30.10	+ .04	72	64	+ 3	SSE	1	b	*	90	66	—
Toulon	30.15	71	?	?	m	30.30	+ .16	68	62	− 3	E	1	f	1	75	61	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fridt Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Sunday 3rd August 1884.

BAROMETER, WIND & SEA.

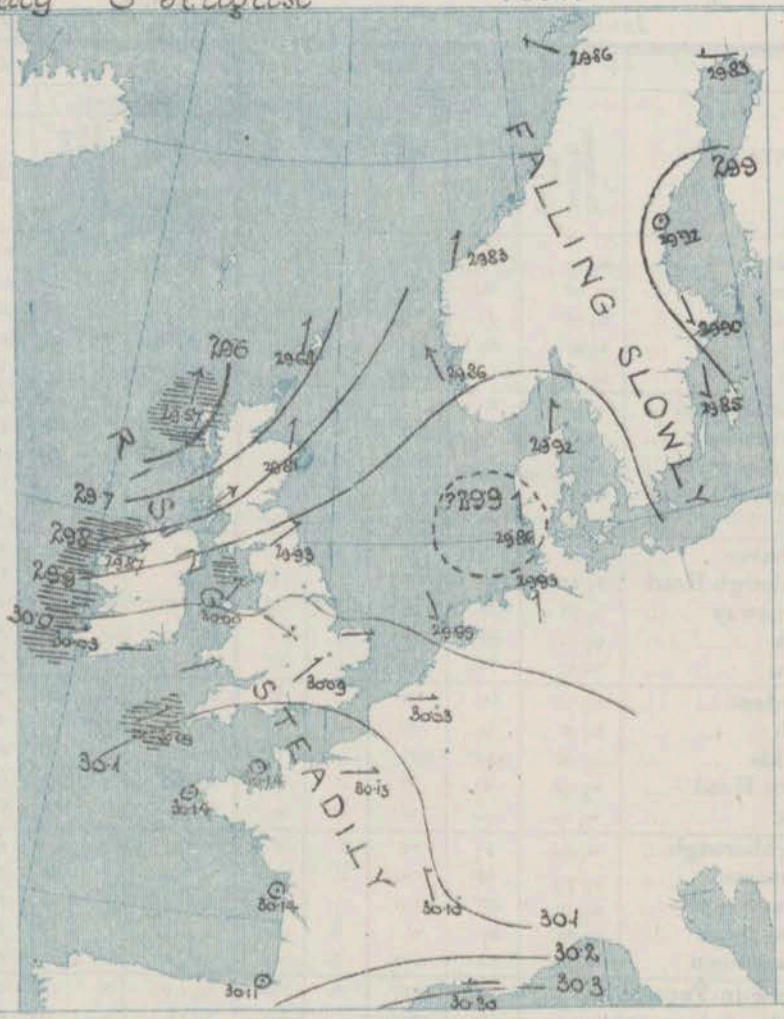
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

» ⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4.
⊙ = dead calm.

Sea Disturbance — *where considerable is shown thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871 — 1880.

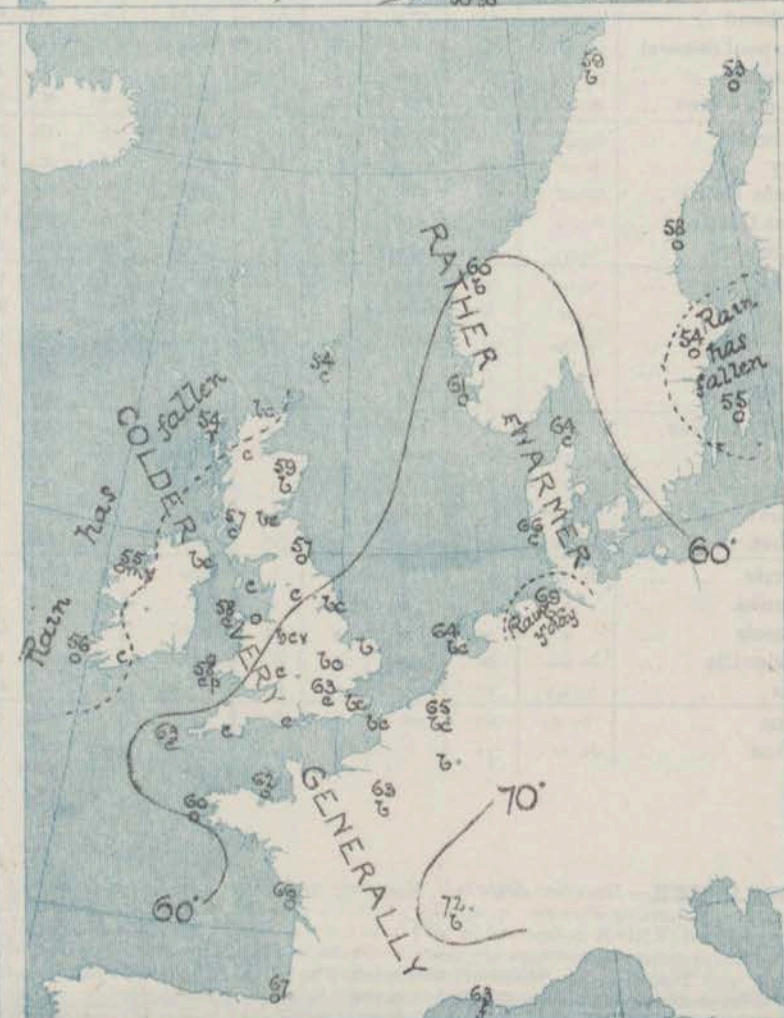
STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·879
Aberdeen	29·825
Leith	29·852
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·949
Dover	29·946
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather is shown by Letters of the Beaufort Scale.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.



MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins.
Sumburgh Head	54·1	52·4	3·49
Stornoway	55·8	53·9	3·62
Wick	55·6	53·6	2·43
Nairn	56·0	53·1	2·99
Aberdeen	56·8	54·8	3·33
Leith	58·1	55·2	2·62
Shields	58·0	55·3	2·79
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·9	2·93
Liverpool	59·2	56·1	2·65
Valencia	59·8	57·1	4·64
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	59·8	2·64
Dover	62·3	59·6	2·24
LONDON	61·9	58·6	2·45
Oxford	59·8	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·4	58·6	2·26

NOTE — *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*

REMARKS.

for Sunday 3rd August 1884, at 8 a.m.

The depression which had reached our north west coasts yesterday morning has continued to travel slowly in a northerly direction and now lies near the Hebrides. A recovery of pressure has consequently taken place at all but the Scandinavian stations, where the barometer still falls. The wind is fresh or strong from the SWwd on our northern coasts, and moderate from W. in the south, but on the eastern shores of the North Sea variable airs are general, while in the west of France calms are reported. Rain is falling at Stornoway and passing showers at Mullaghmore, but elsewhere the weather is fair or fine. In the course of the past twenty-four hours rain has fallen at some of the western and northern stations. Temperature has fallen several degrees, and readings now range from 65° at Dungeness to 54° in the Shetlands and Hebrides. The highest maxima registered yesterday were 82° in London, 80° at Cambridge, and 76° at Spurn Head. The sea is rough in the extreme west and north, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at NOON on 4th August. 1884.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None Issued.	6 SCOTLAND WEST	None Issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Predk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.95	61	57	S	6	c	4	Valencia	29.95	60	56	WSW	6	omq	6
Sumburgh Head	29.71	56	55	SE	5	o	5	Scilly	30.04	63	58	W	4	o	6
Stornoway	29.83	55	54	SSE	4	d	6	Dungeness	29.97	65	63	SW	4	bc	2
Aberdeen	29.74	67	58	SW	6	bc	2	London	29.95	78	68	WSW	3	bc	*
Shields	29.80	68	60	WSW	5	c	2	Yarmouth	29.90	68	65	SSE	4	b	3
Ardrossan	29.77	59	57	S	5	c	3	Jersey	30.06	65	60	NW	3	b	3
Mullaghmore	29.74	56	55	WSW	6	op	6	Rochefort	30.11	70	67	WNW	7	bc	2
Holyhead	29.93	61	56	SSW	5	cq	4								

REMARKS.

The depression off our north-west coast continues to travel N^rds^ and the barometer is now rising at all our W^n^ and S^n^ stations, while the winds are rising generally. The weather remains fine at all our E^n^ and SE^n^ stations. The sea is rough in the W. and SW.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 4th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.50	55	L	0	r	29.74	− .09	53	52	+ 5	N	2	c	*	?	48	0.04
Hernösand ...	29.85	56	L	0	c	29.82	− .10	54	51	+ 1	L	0	b	*	63	50	—
Stockholm ..	29.91	54	L	0	b	29.88	− .02	68	62	+ 14	WSW	2	b	*	?	50	—
Wisby	29.88	55	SW	4	b	29.85	.00	63	60	+ 8	SW	4	bc	*	64	52	—
Bodö	29.78	59	L	0	c	29.77	− .09	59	54	− 2	L	0	b	0	64	52	—
Christiansund ...	29.90	58	W	1	c	29.84	+ .01	58	55	− 2	L	0	c	0	?	52	—
‡Skudesnæs ...	30.00	59	SSW	2	0	29.95	+ .09	60	56	− 1	SW	2	0	3	63	59	—
Oxö (Kristiansund) ...	29.89	62	W	4	0	29.93	+ .01	59	55	− 2	W	4	bc	2	72	48	—
Skagen (The Skaw)	29.89	63	W	3	c	29.91	− .01	62	56	− 2	W	6	0	5	70	57	—
Fanö	30.04	58	WSW	2	b	30.04	+ .05	61	58	− 5	WSW	3	c	*	72	57	—
Cuxhaven ...	30.04	63	SW	3	b	30.11	+ .15	61	62	+ 5	NW	2	bc	*	?	56	—
‡Sumburgh Head	29.68	54	SSW	3	r	29.95	+ .17	54	51	0	WSW	4	bc	4	59	50	0.01
‡Stornoway ...	29.68	55	W	6	rq	29.91	+ .34	55	52	+ 1	WSW	5	bpq	4	58	50	0.12
Wick	29.73	57	SW	6	bc	29.95	+ .26	58	50	0	W	6	bc	2	63	50	—
Nairn	29.77	57	SW	4	c	29.97	+ .20	54	51	− 3	W	3	c	3	64	51	—
‡Aberdeen	29.84	61	WSW	3	c	30.02	+ .21	60	53	+ 1	WSW	2	b	1	65	48	—
Leith	29.90	61	WSW	4	c	30.07	+ .23	57	52	− 1	WSW	4	bc	*	63	52	—
‡Shields	29.97	56	WSW	3	0	30.03	+ .20	57	54	0	WSW	2	c	2	64	52	—
Spurn Head ...	30.01	66	WSW	3	c	30.16	+ .17	59	56	− 1	W	4	c	2	67	55	—
York	30.02	61	W	1	0	30.16	+ .16	59	55	− 1	W	2	0	*	67	53	—
Loughborough...	30.05	64	WNW	4	0	30.21	+ .15	60	55	− 1	WNW	4	b	*	69	48	—
‡Ardrossan ...	29.98	58	WSW	4	0	30.10	+ .24	55	53	− 2	SW	4	0	3	60	51	0.01
‡Mullaghmore ...	29.99	55	W	6	0gm	30.16	+ .27	56	53	+ 1	WSW	5	0	4	61	54	0.03
Donaghadee ...	29.99	61	W	3	c	30.17	+ .24	55	53	− 4	WSW	2	0	0	64	51	—
Parsonstown ...	30.07	69	S	1	0	30.22	+ .24	56	52	0	SW	1	0g	*	61	52	—
Barrow-in-Furness	30.05	60	SSW	3	c	30.16	+ .18	59	53	− 1	WNW	3	c	4	61	55	—
‡Holyhead ...	30.05	60	SSW	3	bc	30.22	+ .22	57	54	− 1	W	3	c	3	62	53	—
Liverpool (Bidston)	30.04	59	W	3	0	30.18	+ .19	57	53	− 2	W	3	c	4	63	55	—
‡Valencia	30.13	58	WNW	3	c	30.25	+ .22	58	54	− 2	WSW	1	0	2	62	53	0.01
Roche's Point ..	30.14	59	WSW	3	c	30.26	+ .22	58	54	0	WSW	1	c	2	64	54	—
Pembroke ...	30.09	60	WSW	3	c	30.22	+ .17	58	54	0	NW	2	bc	2	62	54	—
‡Scilly	30.14	66	WSW	2	bc	30.24	+ .15	60	55	− 3	N	3	c	3	67	57	0.06
Prawle Point ...	30.14	[illegible]	WSW	2	b	30.24	+ .09	61	59	0	WNW	1	c	1	65	52	—
Hurst Castle ...	30.12	63	W	4	c	30.23	+ .12	60	57	− 1	WNW	2	bw	1	68	50	—
‡Dungeness ...	30.10	63	SW	4	bc	30.20	+ .13	62	56	− 3	WNW	2	bc	3	69	53	—
‡London... ...	30.09	68	SW	2	c	30.22	+ .16	60	55	− 3	NNW	1	b	*	71	49	—
Oxford	30.09	67	SW	3	c	30.23	+ .16	58	55	− 2	SW	2	bw	*	66	49	—
Cambridge ...	30.09	67	SW	1	c	30.20	+ .16	62	57	0	NW	1	bc	*	70	50	—
‡Yarmouth ...	30.04	66	ENE	2	b	30.17	+ .15	62	56	0	NW	2	b	2	70	56	—
The Helder ...	30.07	63	WNW	1	bc	30.13	+ .14	63	59	− 1	NNW	3	c	2	68	59	—
Cape Griz Nez...	?	68	W	3	b	?	?	60	56	0	NW	4	b	3	68	57	—
‡Jersey	30.16	62	NW	2	bc	30.23	+ .09	64	59	− 2	ENE	1	b	1	67	55	—
Brest	30.18	65	W	3	bc	30.24	+ .10	59	57	− 1	E	3	c	3	79	54	—
Lorient	30.17	64	WNW	7	b	30.27	+ .11	58	55	− 4	N	4	bc	2	72	52	—
‡Rochefort ...	30.16	68	NW	5	bc	30.23	+ .08	64	60	− 2	ENE	3	bc	2	77	59	—
Biarritz	30.12	68	N	4	bc	30.20	+ .09	66	65	− 1	NW	3	0	2	72	64	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.17	+ .14	63	59	− 2	WNW	3	0	*	77	60	—
Charleville ...	30.06	77	NW	3	b	30.16	+ .11	63	57	− 5	N	1	c	*	90	59	—
Paris	30.08	77	W	1	b	30.19	+ .06	63	59	0	N	1	0	*	*	*	—
Lyons	30.04	81	W	1	bc	30.14	+ .04	69	64	− 3	S	1	b	*	90	63	—
Toulon	30.32	70	SW	1	m	30.20	− .10	75	69	+ 12	L	0	m	0	79	?	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Monday 4th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August. During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 852
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 931
Hurst Castle	29 · 940
Dover	29 · 945
LONDON	29 · 942
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 932

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather is shown by Letters of the Beaufort Scale.

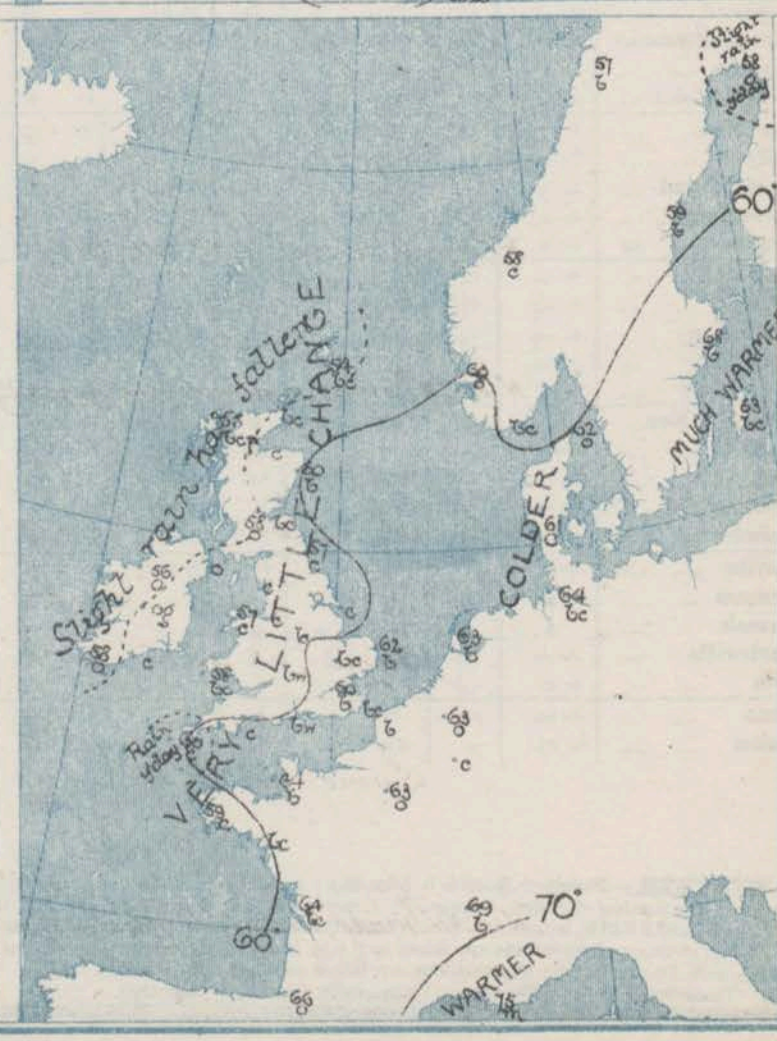
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 9	3 · 23
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	55 · 9	56 · 9	2 · 03
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	2 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	63 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 4th August 1884, at 8 a.m.

The depression which passed along our extreme western coasts on Saturday & Sunday has now travelled away to the northward of Scotland. The barometer has therefore continued to rise generally, & a large anticyclone, in which readings exceed 30·2 ins., has been formed over the south of our islands & west of France. Moderate or fresh westerly breezes prevail at all our more northern stations, but in the south of England the wind is light from the North-westward, while in the west of France it draws into S.E. The weather is fine in most localities, but on our extreme north west coasts the sky is overcast, while at Stornoway showers are falling. A little rain fell yesterday at some of the western & northern stations. Temperature has changed very little, but the general tendency has been for a slight further fall; readings now range from 64° at Jersey ~~to 54°~~ at Sumburgh Head & Nairn. The highest maxima registered yesterday were 71° in London & 70° at Cambridge & Yarmouth. The sea is moderate in the extreme northwest & north, slight or smooth elsewhere.

The anticyclone noticed above appears to be fairly well established, & fine weather is therefore likely to continue in most places.

FORECASTS

for the 24 hours ending at NOON on 5th August 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W. winds, fresh; fair generally	6 SCOTLAND WEST	Same as No. 1 & 2
1 SCOTLAND EAST	W. or SW. winds, moderate; fine generally	7 ENGLAND N.W.	Same as No. 1 & 2
2 ENGLAND N.E.	..... Do. ..... Do. ..... Do.	8 ENGLAND S.W	Same as No. 3 to 5
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	W. & SW. winds moderate; fair generally.
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... Do. ..... Do. ..... Do. .....
5 ENGLAND SOUTH	W. & NW. winds, moderate; fine, warm	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.89	62	58	SSW	4	0	3	Valencia							
Sumburgh Head								Scilly							
Stornoway								Dungeness							
Aberdeen								London							
Shields								Yarmouth							
Ardrossan								Jersey							
Mullaghmore								Rochefort	30.19	75	69	E	1	0	2
Holyhead															

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 27th July to the 2nd August 1884

The week opened with weather of a very unsettled showery description. A well marked but rather shallow & irregularly formed depression was advancing steadily over England from the west-north-westward, & while light easterly breezes & fine weather prevailed in Scotland, westerly to northwesterly breezes, & heavy showers of rain, with thunder locally, were felt over the rest of the United Kingdom. The centre of the disturbance disappeared over North Germany on Monday, but for the next few days the weather remained in an unstable condition – the general type being westerly. Heavy cloud still prevailed in considerable quantities even over the South-east of England, rain fell in most places (heavily in the northwest) & the air was very close, though the temperature was below the average for this time of year. After the 31st, however, an improvement commenced; pressure became highest in the east & lowest in the west, and depressions began to move in a northerly direction outside our extreme western coasts. Strong squally breezes from between SE. & SW, low temperatures were experienced & rain over the western parts of the kingdom, but light to moderate winds & warm bright weather over the midland & eastern parts of England, where the thermometer rose on Friday to between 80° & 83° in the shade. On Saturday the weather was quieter in the west, but over England the wind was more westerly, & though the thermometer again rose to 82° in London it was not so high by several degrees over the more northern parts of England.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Yes-day 5th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.71	58	Z	0	c	29.85	+ .11	54	51	— 4	N	4	0	*	66	52	—
Hernösand ...	?29.60	60	Z	0	c	29.90	+ .08	63	56	+ 4	N	6	c	*	72	46	—
Stockholm ...	29.86	61	NSW	2	0	29.89	+ .01	60	58	— 8	NNW	2	0	*	73	52	—
Wisby	29.84	59	W	4	0	29.89	+ .04	59	57	— 4	W	4	b	*	70	54	—
Bodö	29.86	54	NSW	2	c	29.96	+ .10	55	54	— 2	SW	2	0	2	59	52	—
Christiansund ...	29.97	55	NSW	3	c	30.09	+ .25	58	52	0	SSW	1	c	4	63	50	—
‡Skudesnaes ...	?	56	NNW	3	0	?	?	58	54	— 2	NW	2	b	2	61	55	—
Oxö (Xuiansund) ...	29.95	59	NNW	4	b	30.09	+ .16	57	50	— 2	NW	4	b	2	63	52	—
Skagen (The Skaw)	29.93	60	W	5	b	30.04	+ .13	63	58	+ 1	NW	3	b	2	64	57	—
Fanö	30.13	60	SW	6	c	30.21	+ .17	64	57	+ 3	W	4	b	*	66	55	—
Cuxhaven ..	?	62	NW	3	b	30.24	+ .13	64	59	0	NNW	3	b	*	?	55	—
‡Sumburgh Head	30.00	55	NSW	4	bc	30.04	+ .19	54	52	0	S	3	0	4	59	50	—
‡Stornoway ...	30.04	54	SSW	4	r	29.95	+ .04	56	53	+ 1	S	7	og	6	59	52	0.02
Wick	30.05	57	NW	3	bc	30.06	+ .11	55	54	0	SSW	4	c	2	63	50	0.04
Nairn	30.10	59	W	2	bc	30.06	+ .09	60	55	+ 6	SW	2	0	2	? 66	52	—
‡Aberdeen	30.08	67	N	3	b	30.11	+ .09	60	54	0	SSW	3	b	0	70	45	—
Leith	30.14	62	W	3	mw	30.17	+ .10	61	54	+ 4	WSW	3	bc	*	65	53	—
‡Shields	30.18	63	W	2	c	30.23	+ .10	58	55	+ 1	SW	2	mw	2	64	47	—
Spurn Head ...	30.21	62	WNW	3	bc	30.27	+ .11	59	55	0	Z	0	bc	1	64	53	—
York	30.22	61	WSW	1	bc	30.27	+ .11	55	51	— 4	WSW	1	b	*	65	44	—
Loughborough...	30.24	65	W	2	b	30.27	+ .06	55	52	— 5	Z	0	bc mw	*	68	42	—
‡Ardrossan ...	30.17	58	SSW	2	0	30.16	+ .06	55	56	+ 3	S	3	b	3	60	54	—
‡Mullaghmore ...	30.15	61	SW	4	0	30.06	— .08	56	52	0	S	4	ov	2	64	54	—
Donaghadee ...	30.21	59	W	1	0	30.19	+ .02	59	55	+ 4	W	1	bc	0	63	50	—
Parsonstown ...	30.21	61	Z	0	0	30.16	— .06	57	52	+ 1	SSE	1	bc	*	62	46	—
Barrow-in-Furness	30.21	59	NSW	3	b	30.22	+ .08	58	54	+ 1	SE	4	bc	4	62	54	—
‡Holyhead ...	30.26	58	SSW	2	bc	30.23	+ .01	59	54	+ 2	SSW	2	bc	2	61	51	—
Liverpool (Bidston)	30.25	58	WNW	1	c	30.23	+ .05	59	52	+ 2	SSE	2	b	2	63	51	—
‡Valencia	30.24	60	SW	5	c	30.12	— .13	59	57	+ 1	SSE	6	bc	6	63	54	—
Roche's Point ..	30.27	58	SSW	3	c	30.19	— .07	61	57	+ 3	SSW	2	b	2	65	54	—
Pembroke ...	30.27	59	WNW	2	bc	30.24	+ .02	58	54	0	ESE	2	c	1	62	52	—
‡Scilly	30.25	62	N	1	c	30.19	— .05	62	57	+ 2	ESE	2	c	2	63	56	—
Prawle Point ...	30.27	62	ESE	1	b	30.24	.00	63	58	+ 2	E	1	b	1	66	52	—
Hurst Castle ...	30.26	65	WSW	4	b	30.26	+ .03	62	59	+ 2	ENE	3	b	1	70	52	—
‡Dungeness ...	30.23	63	SSW	3	b	30.27	+ .07	65	57	+ 3	SSE	1	b	2	69	58	—
‡London.. ...	30.22	69	NW	1	bc	30.28	+ .06	62	57	+ 2	SSW	1	bc	*	73	48	—
Oxford	30.25	60	W	1	b	30.27	+ .04	55	53	— 3	Z	0	bmw	*	70	46	—
Cambridge ...	30.24	66	NW	1	c	30.27	+ .07	62	58	0	SW	1	bc	*	72	45	—
‡Yarmouth ...	30.23	65	E	1	b	30.28	+ .11	63	59	+ 1	SE	2	b	2	67	55	—
The Helder ...	30.23	62	NNW	1	bc	30.28	+ .15	62	55	— 1	NNW	1	bc	1	64	59	—
Cape Griz Nez...	?	65	Z	0	b	?	?	60	56	0	ESE	3	b	0	72	52	—
‡Jersey	30.24	64	NNE	2	b	30.23	.00	63	59	— 1	ENE	2	b	2	67	54	—
Brest	30.23	63	NE	4	b	30.21	— .03	60	56	+ 1	E	4	0	3	79	54	—
Lorient	30.22	65	WNW	4	b	30.22	— .05	57	53	+ 1	E	5	b	2	72	54	—
‡Rochefort ...	30.18	68	NNE	4	b	30.18	— .05	64	59	0	E	7	b	2	84	55	—
Biarritz	30.15	68	N	3	c	30.06	— .04	65	64	— 1	E	4	b	1	72	64	0.08
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.27	+ .10	60	60	— 3	NE	4	b	*	72	53	—
Charleville ...	30.17	71	N	1	b	30.22	+ .06	66	59	+ 3	NNE	1	b	*	75	56	—
Paris	30.20	73	WSW	4	b	30.25	+ .06	63	59	0	N	1	b	*	*	*	—
Lyons	30.10	77	WNW	1	0	30.14	.00	66	61	— 3	NNW	1	0	*	89	65	—
Toulon	30.32	77	W	3	bc	30.28	.00	76	61	+ 1	W	1	m	0	88	61	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Tuesday 5th August 1884.

BAROMETER, WIND & SEA.

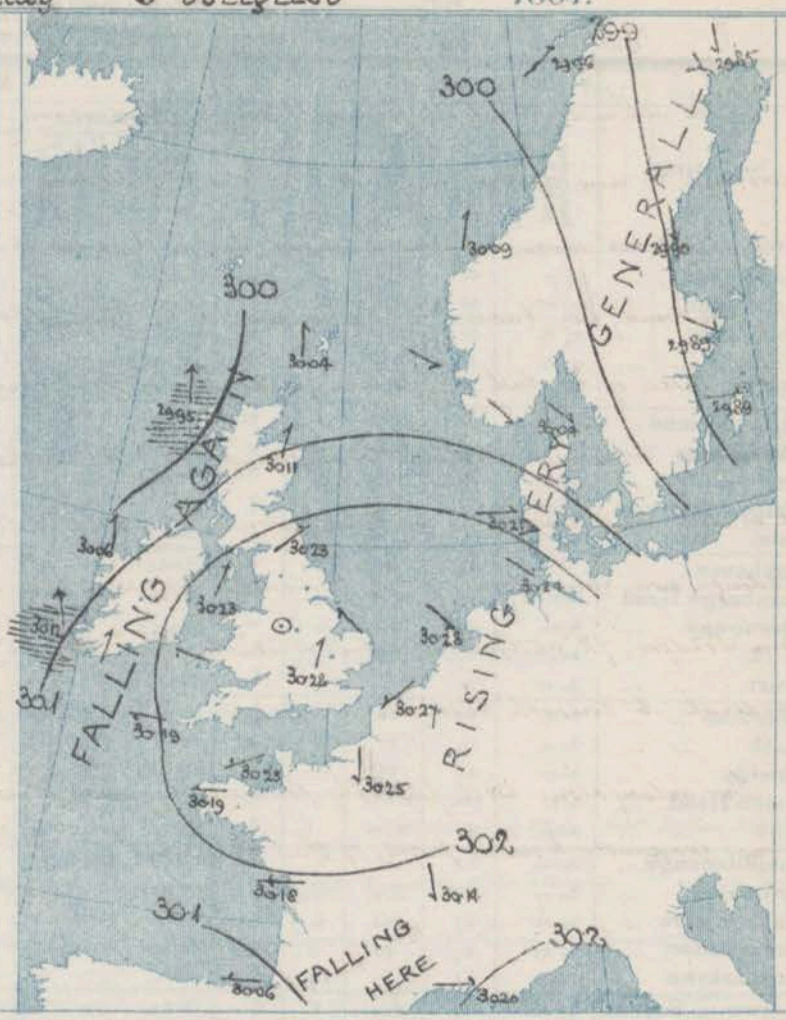
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

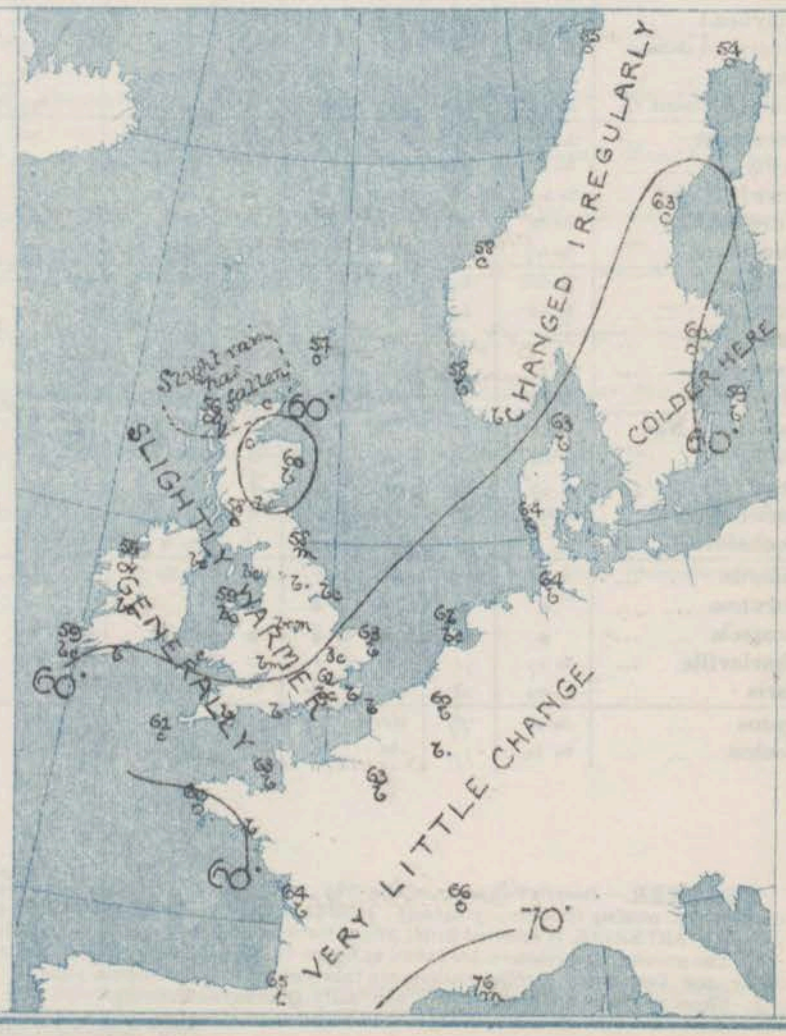
STATIONS.	MEAN READINGS ins.
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·829
Aberdeen	29·835
Leith	29·852
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·949
Dover	29·945
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*



MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE Dry Bulb.	TEMPERATURE Wet Bulb.	RAINFALL ins.
Sumburgh Head	54·1	52·4	3·48
Stornoway	55·8	53·9	3·62
Wick	55·6	53·6	2·43
Nairn	56·0	53·1	2·99
Aberdeen	56·8	53·9	3·33
Leith	58·1	55·2	2·62
Shields	58·0	55·3	2·74
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·9	2·83
Liverpool	59·2	56·1	2·65
Valencia	59·8	57·1	4·64
Roche's Point	60·4	56·8	3·66
Pembroke	58·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	60·6	2·54
Dover	62·3	59·6	2·24
LONDON	61·9	58·6	2·45
Oxford	59·8	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·4	58·5	2·26

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Tuesday 5th August 1884, at 8 a.m.

The anticyclone noticed yesterday over the south of our islands and west of France has moved in an east-north-easterly direction & now covers England, the north of France & the Netherlands. The barometer has therefore continued to rise at all our more eastern stations, but in the west & also over the Bay of Biscay a slight fall has taken place.

The wind has backed to the Southward in Ireland & Scotland, & shifted to E. on our southern coasts, but on the eastern shores of the North Sea it remains westerly or North-westerly. In force it is light or moderate at all stations excepting Stornoway & Valencia where it blows strongly. The weather remains fine on all but our extreme north-west coast, where it is still very cloudy. A thunderstorm is reported at Biarritz. Temperature has risen a little in most places, and readings now range from 65° at Kingsness to 52° in the Shetlands. The highest maxima registered yesterday were 73° in London, 72° at Cambridge and 70° at Aberdeen, Hurst Castle & Oxford. The sea is rough at Stornoway & Valencia, moderate to smooth elsewhere.

The anticyclone will probably continue to move slowly eastwards, so that less settled weather is likely to extend very gradually to most parts of the Kingdom.

FORECASTS

for the 24 hours ending at NOON on 6th August 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.W. & S.W. winds, fresh or strong; cloudy, some rain.	6 SCOTLAND WEST	S.W. & S.E. winds, moderate or fresh; fair generally
1 SCOTLAND EAST	S.W. & S.W. winds, moderate; fine generally.	7 ENGLAND N.W.	------ Do. ------ Do. ------ Do. ------
2 ENGLAND N.E.	------ Do. ------ Do. ------ Do. ------	8 ENGLAND S.W.	S.E. winds, moderate; fair generally
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	S.W. & S.E. winds, fresh or strong; cloudy, some rain
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	------ Do. ------ Do. ------ Do. ------
5 ENGLAND SOUTH	E. or S.E. winds, light; fine, warm.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London. (151.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·04	60	55	WNW	4	o	3	Valencia	30·25	61	56	S	4	c	4
Sumburgh Head	29·95	56	53	WSW	4	bc	4	Scilly	30·27	62	56	N	2	c	3
Stornoway	29·99	57	52	SW	5	cq	4	Dungeness	30·24	67	60	S	2	bc	2
Aberdeen	30·06	65	55	S	3	b	1	London	30·23	71	56	NW	2	bc	*
Shields	30·17	62	55	WSW	3	bc	2	Yarmouth	30·21	67	59	NNE	3	b	2
Ardrossan	30·17	59	57	SSW	3	o	2	Jersey	30·27	67	60	N	2	b	1
Mullaghmore	30·16	61	54	WSW	4	cv	3	Rochefort	30·21	77	69	NNW	4	c	2
Holyhead	30·26	61	56	SW	3	bc	2								

REMARKS.

The barometer continues to rise generally, but the wind at Valencia has backed to S. Fair weather is still reported at all stations. The sea is moderate in the extreme N. and W. slight or smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Wednes-day 6th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·08	61	N	4	c	30·19	+ ·24	52	50	− 2	N	2	bc	*	57	50	—
Hernösand ...	30·09	61	W	4	b	30·25	+ ·35	58	53	− 5	NNE	2	b	*	70	54	—
Stockholm ...	30·12	59	Z	0	b	30·24	+ ·36	61	58	+ 1	NNW	2	b	*	68	57	—
Wisby	30·03	59	W	2	b	30·14	+ ·26	60	58	+ 1	NNE	4	b	*	64	55	—
Bodö	30·12	55	WSW	2	bc	30·16	+ ·30	55	53	0	ESE	2	c	1	51	50	—
Christiansund ...	30·14	59	E	1	bc	30·14	+ ·05	60	54	+ 2	SE	1	bc	2	63	52	—
‡Skudesnaes ...	30·24	58	WSW	2	bc	30·26	?	59	55	+ 1	SSE	4	c	3	64	?	—
Oxö (Christiansund) ...	30·16	62	WSW	4	b	30·27	+ ·18	56	52	− 1	W	2	b	2	68	54	—
Skagen (The Skaw)	30·18	59	NW	2	b	30·25	+ ·21	62	59	− 1	W	2	b	0	68	54	—
Fanö	30·27*	?	Z	0	b	30·30	+ ·09	65	59	+ 1	NNE	1	b	*	66	57	—
Cuxhaven ...	30·27	60	W	3	b	30·32	+ ·08	62	59	− 2	E	1	b	*	?	55	—
‡Sumburgh Head	30·04	56	S	4	c	29·99	− ·05	56	54	+ 2	S	4	c	4	60	51	
‡Stornoway ...	29·96	59	S	7	c	29·93	− ·02	55	53	+ 2	S	6	cg	5	60	54	0·01
Wick	30·03	62	S	2	c	30·00	− ·06	59	56	+ 1	SSW	4	bc	2	65	52	—
Nairn	30·03	65	Z	0	bc	30·03	− ·05	63	56	+ 3	Z	0	bc	0	71	49	—
‡Aberdeen	30·08	61	S	5	b	30·09	− ·02	62	56	+ 2	SSW	4	b	1	69	59	—
Leith	30·12	66	W	2	bc	30·10	− ·07	65	59	+ 4	SSW	1	b	*	70	48	—
‡Shields	30·15	61	SW	2	m	30·17	− ·06	59	57	+ 1	Z	0	m	2	68	52	
Spurn Head ...	30·20	61	SE	4	b	30·20	− ·07	62	60	+ 3	ESE	3	b	2	65	55	
York	30·22	70	S	1	b	30·19	− ·08	59	54	+ 4	SSE	1	b	*	73	53	—
Loughborough...	30·18	72	WSW	1	b	30·18	− ·09	61	58	+ 6	ESE	2	bmw	*	75	49	—
‡Ardrossan ..	30·13	60	S	3	c	30·09	− ·07	61	58	+ 3	Z	0	bc	0	61	56	—
‡Mullaghmore ...	29·99	68	SSW	5	c	29·97	− ·04	63	58	+ 7	S	4	bc	2	70	55	—
Donaghadee ...	30·11	59	SW	3	c	30·09	− ·10	60	57	+ 1	SW	2	bc	0	63	54	—
Parsonstown ...	30·07	68	SSW	1	bc	30·03	− ·13	67	59	+ 5	SSE	1	b	*	70	54	—
Barrow-in-Furness	30·18	61	SSW	1	bc	30·13	− ·09	58	55	0	NE	1	b	2	63	52	—
‡Holyhead ..	30·17	62	S	3	b	30·12	− ·11	65	59	+ 6	S	2	bw	2	65	50	—
Liverpool (Birkenhead)	30·18	62	NNW	1	b	30·14	− ·09	61	56	+ 2	SE	2	b	2	67	54	—
‡Valencia	30·03	61	SSE	6	b	29·99	− ·13	61	58	+ 2	SSE	5	c	5	63	57	—
Roche's Point ...	30·14	61	S	3	c	30·04	− ·15	62	60	+ 1	S	4	bc	4	68	53	—
Pembroke ..	30·16	61	SE	1	b	30·08	− ·10	62	59	+ 4	ESE	3	b	2	63	56	—
‡Scilly	30·12	64	ESE	4	b	30·04	− ·15	65	62	+ 3	E	2	b	3	66	59	—
Prawle Point ...	30·18	62	ENE	2	b	30·09	− ·15	63	60	0	ENE	2	b	2	65	57	—
Hurst Castle ...	30·21	67	SE	2	b	30·13	− ·18	63	60	+ 1	ENE	2	b	1	65	58	—
‡Dungeness ...	30·22	63	E	3	b	30·14	− ·18	65	60	0	E	3	b	4	68	59	—
‡London... ...	30·21	69	ESE	2	b	30·17	− ·11	63	60	+ 1	SE	1	bm	*	77	53	—
Oxford	30·18	65	Z	0	b	30·16	− ·11	62	59	+ 7	ENE	2	b	*	74	49	—
Cambridge ..	30·22	66	Z	0	b	30·18	− ·09	61	58	− 1	E	1	b	*	77	46	—
‡Yarmouth ...	30·24	63	SE	4	b	30·19	− ·09	63	60	0	ESE	5	b	3	66	60	—
The Helder ...	30·26	63	NE	1	b	30·24	− ·04	62	58	0	E	1	b	1	68	59	—
Cape Griz Nez...	?	63	NE	5	b	?	?	61	59	+ 1	ENE	3	b	2	?70	55	—
‡Jersey	30·14	66	ENE	4	bm	30·07	− ·16	66	61	+ 3	ENE	2	bm	2	71	59	—
Brest	30·11	72	NE	4	b	30·04	− ·17	65	59	+ 3	E	4	b	2	79	54	—
Lorient	30·11	71	NW	3	b	30·03	− ·19	63	58	+ 6	E	4	b	2	84	57	—
‡Rochefort ...	30·08	76	NE	4	b	30·04	− ·14	67	62	+ 3	E	5	b	2	95	59	—
Biarritz	30·00	72	N	4	b	29·96	− ·10	68	67	+ 3	SE	3	bc	1	75	64	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·15	− ·12	61	59	+ 1	ENE	4	b	*	74	51	—
Charleville ...	?30·14	72	E	5	b	?30·11	− ·11	64	58	− 2	NNE	4	b	*	79	60	—
Paris	30·12	70	N	1	b	30·10	− ·15	67	64	+ 4	NE	1	b	*	*	*	—
Lyons	30·06	78	W	1	c	30·03	− ·11	69	66	+ 3	ESE	1	m	*	84	66	—
Toulon	30·20	79	SW	1	m	30·17	− ·03	77	69	+ 1	S	1	m	0	88	p	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fredk Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Wednesday 6th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

⟶ = forces above 10; ⟶ = forces 8 to 10; ⟶ = forces 5 to 7; ⟶ = forces 1 to 4; ⊙ = dead calm.

Sea Disturbance — where considerable is shewn thus ▨ = Rough. ▩ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 852
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

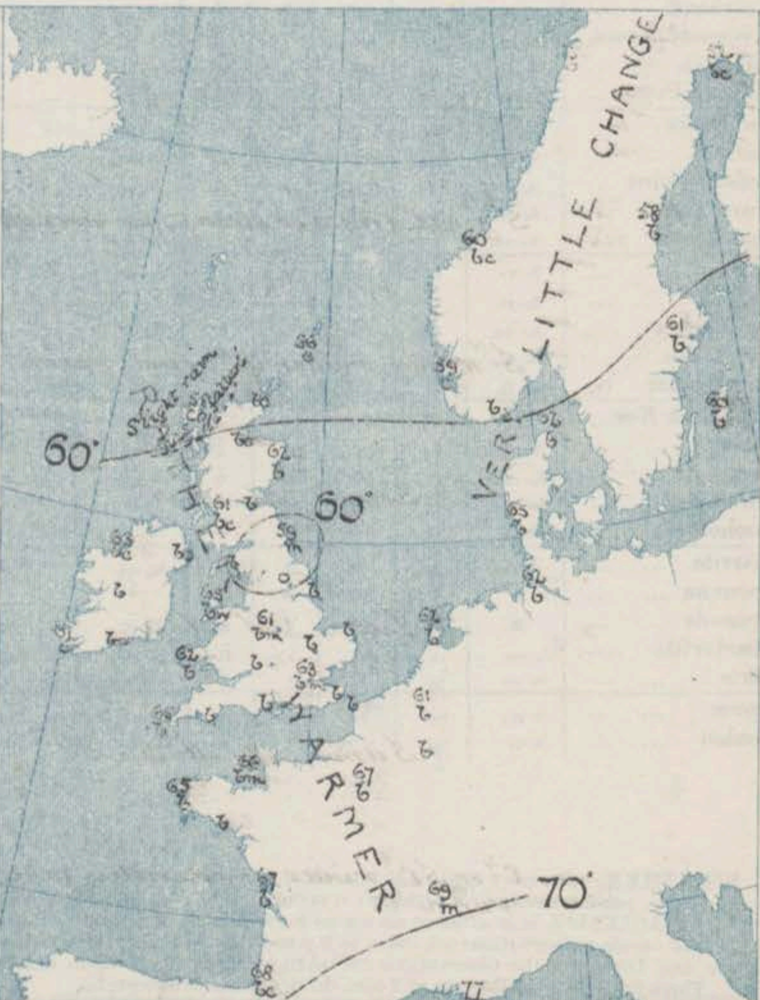
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE Dry Bulb.	TEMPERATURE Wet Bulb.	RAINFALL
	°	°	ins.
Sumburgh Head	54 · 1	52 · 4	3 · 40
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 85
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	60 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 6	2 · 64
Dover	63 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Wednesday 6th August 1884, at 8 a.m.

The anticyclone recently noticed over our islands has continued to move eastwards, its central portion being now found over the south of Denmark & north of Germany. The barometer has therefore risen somewhat decidedly at the Scandinavian & Danish stations, but in our islands & France a gradual fall has taken place. The wind is moderate from E. on our southern & the French coasts, but in Ireland & Scotland it remains Southerly, & at Stornoway it still blows strongly. Fine weather is reported over the whole of western Europe. Temperature has risen slightly in most places, & readings now range from 66° at Scilly to 56° at Sumburgh Head. The highest maxima registered yesterday were 77° in London & at Cambridge, 75° at Loughborough & 74° at Oxford. The sea is rather rough at Stornoway & Valencia, moderate to smooth elsewhere.

There is at present no indication of the advance of any definite depression, & fine weather is therefore likely to continue for a time.

FORECASTS

for the 24 hours ending at NOON on 7th August 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. winds, fresh or strong; fair generally	6 SCOTLAND WEST	SE. winds, moderate; fair generally
1 SCOTLAND EAST	S. winds, moderate; fine, warm.	7 ENGLAND N.W.	------ Do. ------ Do. ------ Do. ------
2 ENGLAND N.E.	Same as No. 5	8 ENGLAND S.W.	Same as No. 5
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	S. or SE. winds, fresh; fair generally
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	------ Do. ------ Do. ------ Do. ------
5 ENGLAND SOUTH	E. or SE. winds, moderate; fine, warm.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, 131.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·23	64	59	SW	2	c	3	Valencia	30·09	62	59	SSE	6	bc	6
Sumburgh Head	30·04	57	54	S	4	c	4	Scilly	30·07	66	60	ESE	5	bc	3
Stornoway	29·97	55	54	S	8	rg	b	Dungeness	30·25	68	60	ESE	2	b	2
Aberdeen	30·09	64	59	S	4	b	1	London	30·22	72	60	ESE	2	bc	*
Shields	30·16	60	60	S	3	cm	2	Yarmouth	30·26	65	59	SE	4	b	3
Ardrossan	30·15	61	57	SSW	3	b	3	Jersey	30·18	71	63	NE	3	b	3
Mullaghmore	30·16	64	56	S	3	b	2	Rochefort	30·13	92	75	E	3	b	2
Holyhead	30·16	64	56	S	3	b	2								

REMARKS.

The barometer is now falling at all stations excepting Stornoway, where a slight rise is reported. The wind has increased to a fresh gale in the Hebrides with rain, but elsewhere there has been little change. Sea is rough at Stornoway & Valencia, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Thursday 7th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·27	50	L	0	b	30·40	+ ·21	56	54	+ 4	S	4	b	*	61	45	—
Hernösand ...	30·34	53	L	0	b	30·41	+ ·16	58	54	0	SW	2	b	*	66	50	—
Stockholm ...	30·30	59	L	0	b	30·41	+ ·17	58	56	+ 3	L	0	bo	*	70	54	—
Wisby	30·20	58	N	2	b	30·30	+ ·16	60	59	0	NE	2	b	*	68	57	—
Bodö	30·19	57	ENE	2	r	30·23	+ ·07	60	59	+ 5	ESE	2	o	1	?	54	0·08
Christiansund ...	30·18	59	NE	1	b	30·25	+ ·11	61	59	+ 1	ESE	1	m	2	64	50	—
‡Skudesnaes ...	30·30	60	SSW	4	c	30·32	+ ·06	60	59	+ 1	SSE	4	b	3	64	?	—
Oxö (Xlansund) ...	30·28	61	SW	4	m	30·36	+ ·09	55	54	— 1	NNW	2	m	2	64	52	—
Skagen (The Skaw)	30·29	61	L	0	b	30·35	+ ·10	63	61	+ 1	L	0	b	0	68	48	—
Fanö	30·26	59	L	0	b	30·30	·00	62	62	— 3	NE	4	b	*	70	55	—
Cuxhaven ...	30·28	61	ENE	3	b	30·28	— ·04	64	61	+ 2	E	4	b	*	65	58	—
‡Sumburgh Head	30·05	58	S	3	bc	30·09	+ ·10	59	56	+ 1	S	5	b	5	61	53	—
‡Stornoway ...	29·98	64	SSW	5	c	29·98	+ ·05	60	56	+ 2	SSW	4	o	3	65	50	—
Wick	30·03	67	S	3	b	30·07	+ ·07	59	56	— 2	S	3	m	1	73	55	—
Nairn	30·01	73	W	1	b	30·04	+ ·02	66	60	+ 3	L	0	b	0	76	55	—
‡Aberdeen	30·10	61	S	4	b	30·12	+ ·03	56	55	— 6	S	3	om	1	68	55	—
Leith	30·04	78	SW	1	bc	30·10	·00	62	58	— 3	NE	1	b	*	77	55	—
‡Shields	30·11	60	SE	5	m	30·14	— ·03	55	55	— 4	SE	2	f	3	65	52	—
Spurn Head ...	30·12	61	ESE	4	b	30·11	— ·09	63	61	+ 1	E	3	b	3	65	56	—
York	30·12	69	E	3	b	30·13	— ·06	60	59	+ 1	NE	1	o	*	76	49	—
Loughborough...	30·06	77	E	2	b	30·10	— ·08	60	59	— 1	NNE	2	ogmr	*	80	52	—
‡Ardrossan ...	30·04	65	L	0	b	30·07	— ·02	61	59	0	ENE	1	om	1	69	54	—
‡Mullaghmore ...	29·93	64	WNW	2	bc	30·08	+ ·06	58	57	— 5	NW	1	om	1	72	57	—
Donaghadee ...	30·08	60	ESE	3	b	30·06	— ·03	59	57	— 1	S	1	b	2	68	52	—
Parsonstown ...	29·95	70	SE	2	bc	30·03	·00	62	59	0	L	0	c	*	79	56	—
Barrow-in-Furness	30·05	66	ESE	3	b	30·07	— ·06	61	58	+ 3	NE	1	b	2	72	57	—
‡Holyhead ...	30·05	65	NSW	1	b	30·06	— ·06	70	65	+ 5	SSE	1	bm	0	73	57	—
Liverpool (Bidston)	30·05	73	SSE	1	b	30·07	— ·07	65	59	+ 4	ESE	2	b	3	76	58	—
‡Valencia	29·96	61	SSE	4	o	30·06	+ ·07	59	56	— 2	L	0	cm	1	63	54	0·11
Roche's Point ..	30·00	63	S	2	c	30·06	+ ·02	59	58	— 3	N	1	f	2	68	56	—
Pembroke ...	30·01	67	ESE	3	b	30·02	— ·06	63	60	+ 1	E	2	m	2	68	58	—
‡Scilly	29·97	65	SE	3	cm	30·00	— ·04	64	61	— 1	ENE	2	c	3	67	59	—
Prawle Point ...	30·04	66	ENE	1	b	30·03	— ·06	67	62	+ 4	ENE	2	b	1	71	60	—
Hurst Castle ...	30·03	71	ESE	2	b	30·05	— ·08	66	63	+ 3	ENE	2	bm	1	76	57	—
‡Dungeness ...	30·05	66	ENE	4	b	30·02	— ·12	67	64	+ 2	NE	1	b	2	69	62	—
‡London... ...	30·07	72	E	2	b	30·06	— ·11	64	61	+ 1	E	1	bm	*	79	56	—
Oxford	30·06	68	E	3	b	30·08	— ·08	57	56	— 5	NE	1	fm	*	76	53	—
Cambridge ...	30·08	77	L	0	b	30·07	— ·11	64	62	+ 3	L	0	b	*	80	50	—
‡Yarmouth ...	30·11	65	E	5	b	30·09	— ·10	65	62	+ 2	E	4	b	3	67	62	—
The Helder ...	30·14	68	ENE	1	b	30·13	— ·11	65	59	+ 3	S	3	b	2	75	?	—
Cape Griz Nez...	?	63	NE	4	b	?	?	68	64	+ 7	E	1	b	0	70	61	—
‡Jersey	29·99	71	ENE	1	b	30·00	— ·07	70	65	+ 4	L	0	bm	0	76	62	—
Brest	29·98	77	NE	3	b	29·99	— ·05	64	62	— 1	L	0	b	2	82	55	—
Lorient																	
‡Rochefort ...	29·97	73	NW	4	b	30·01	— ·03	70	68	+ 3	L	0	b	0	84	61	—
Biarritz	29·91	75	NNW	1	b	29·97	+ ·01	71	68	+ 3	S	1	b	0	77	68	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·07	— ·08	67	61	+ 6	E	3	b	*	? 82	? 57	—
Charleville ...	?	?	?	?	?	? 30·07	— ·04	68	61	+ 4	SE	1	b	*	87	61	—
Paris	29·95	79	NNE	1	b	30·02	— ·08	73	69	+ 6	ENE	1	b	*	*	*	—
Lyons	30·01	69	SSW	3	r	30·04	+ ·01	64	63	— 5	ESE	1	o	*	87	62	—
Toulon	30·17	78	L	0	m	30·17	·00	73	60	— 4	E	1	m	0	88	61	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Thursday 7th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer —— *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind —— *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⊗ ⟶ = forces above 10, ⟶ = forces 8 to 10.
⟶ = forces 5 to 7, ⟶ = forces 1 to 4.
⊙ = dead calm.

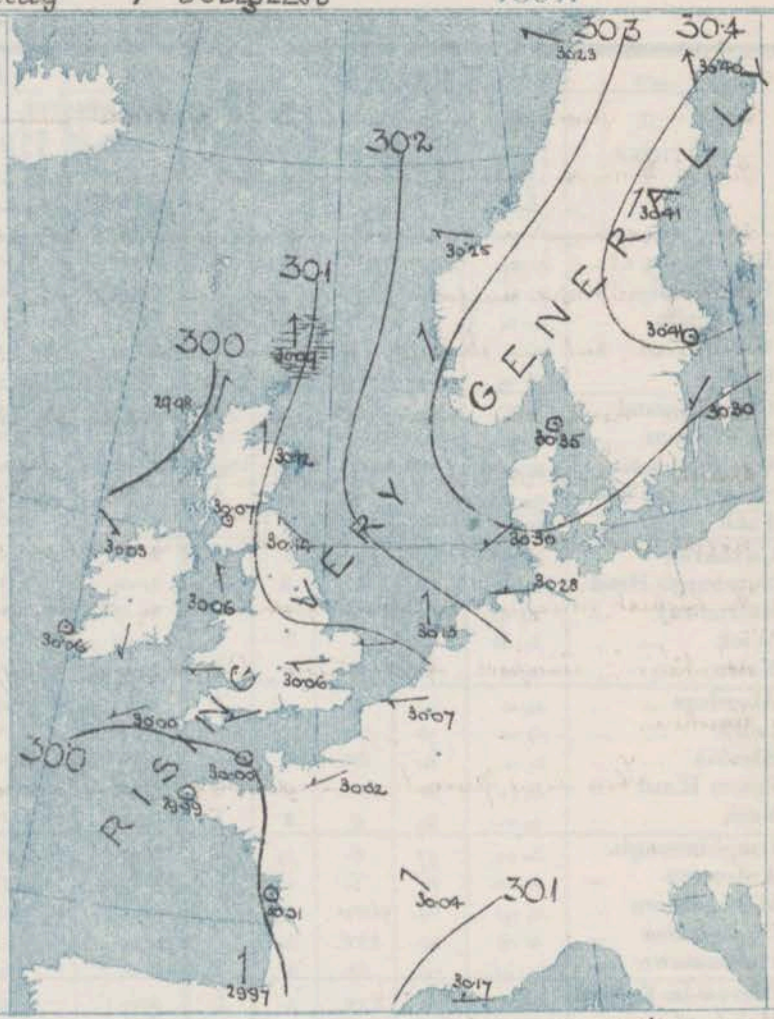
Sea Disturbance —— *where considerable is shewn, thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 852
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 940
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 918



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature —— *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather is shown by Letters of the Beaufort Scale.

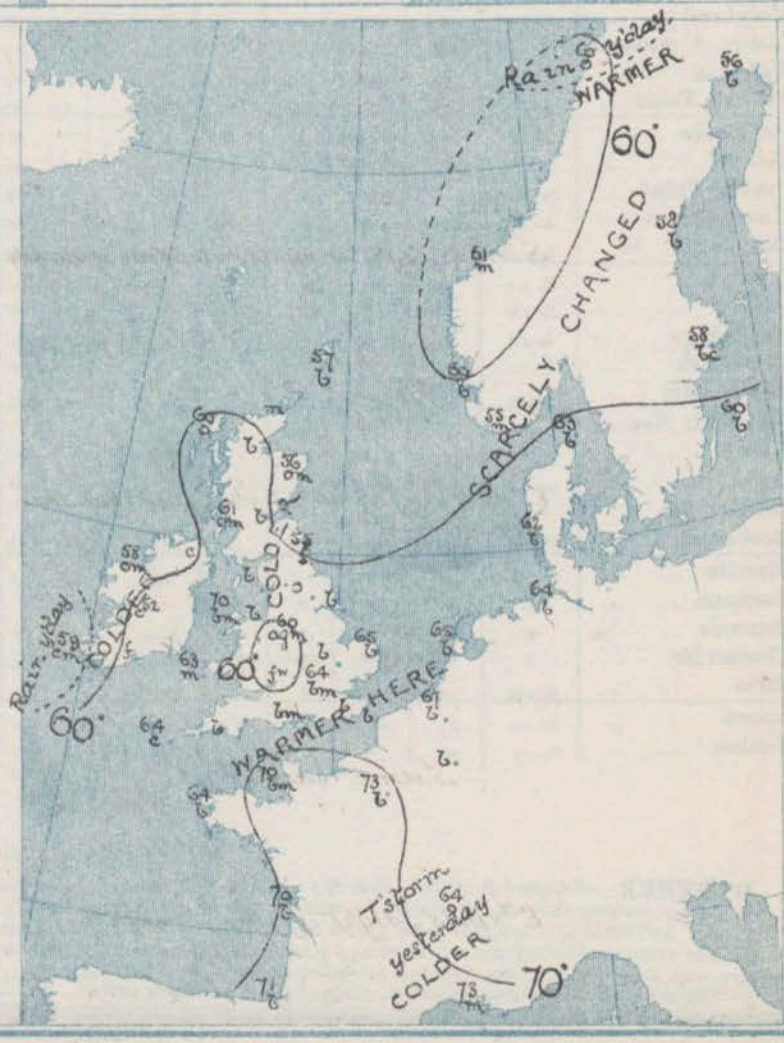
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 98
Aberdeen	56 · 8	53 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 08
Holyhead	58 · 3	56 · 9	2 · 93
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	63 · 3	59 · 6	2 · 34
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Thursday 7th August 1884, at 8 a.m.

Since yesterday morning the area of highest pressure has been transferred from the south of Denmark to the Gulf of Bothnia, and the barometer has therefore continued to rise steadily at all the Scandinavian stations. In the meantime a slight recovery of pressure has taken place over our islands and France in which countries readings are very uniform. The wind is light from E. over the greater part of England, the Netherlands, and north of France, but in Ireland it is very variable, while in Scotland it remains S.W. The weather is dull on our extreme north-west coasts, but fine in almost all other localities. Over the eastern and central parts of England, however, a good deal of fog or mist is reported. Temperature has fallen a little on our extreme south-coast and north-east coast, but risen elsewhere, and readings now range from 70° at Holyhead and Jersey to 55° at Shields. The highest maxima registered yesterday were 80° at Loughborough and Cambridge, 79° in London, 77° at Leith, and 76° at Nairn, Liverpool, Hurst Castle, Oxford, and Jersey. The sea is rather rough at Berwick Head, slight or smooth elsewhere.

There is at present no indication of any important change in the weather.

FORECASTS

for the 24 hours ending at NOON on 8th August 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.W. winds, light or moderate; fine generally.	6 SCOTLAND WEST	Same as No. 2
1 SCOTLAND EAST	..... do. ..... do. ..... do.	7 ENGLAND N.W.	Same as No. 2
2 ENGLAND N.E.	E. and S.E. winds, light; fair, but some fog or mist.	8 ENGLAND S.W	E. winds, light; fair generally
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	Variable airs; fair generally
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... do. ..... do. ..... do. .....
5 ENGLAND SOUTH	E. winds, light; fine, warm.	WARNINGS	None Issued

Fredk Dangerfield, Lith., London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.12	64	61	SSW	3	b	3
Sumburgh Head	30.02	59	50	ESE	4	bc	4
Stornoway	29.96	63	58	S	6	cq	5
Aberdeen	30.10	61	59	S	4	b	1
Shields	30.13	63	60	S	5	bm	2
Ardrossan	30.06	68	62	Z	0	b	0
Mullaghmore	29.99	69	61	S	4	cr	2
Holyhead	30.09	71	62	S	2	b	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29.99	63	60	SSE	5	c	5
Scilly	30.01	67	63	ESE	4	bm	3
Dungeness	30.09	66	63	E	4	b	4
London	30.08	65	62	E	3	b	*
Yarmouth	30.16	66	63	E	5	b	3
Jersey	30.03	78	63	ENE	2	b	2
Rochefort	30.01	84	78	NW	4	b	2

REMARKS.

Scarcely any change has occurred since the morning. The barometer is still inclined to fall a little in most places, but the weather remains very fine, with E^ly breezes in the south, and S^ly breezes in the west and north. The sea is rather rough at Stornoway and Valencia, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 8th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·37	52	Z	0	b	30·34	-·08	58	57	+ 2	S	4	b	*	59	45	—
Hernösand ...	30·41	56	Z	0	b	30·41	·00	60	58	+ 2	SSW	2	b	*	64	45	—
Stockholm ...	30·43	56	Z	0	b	30·49	+ ·06	61	59	+ 3	Z	0	0	*	68	50	—
Wisby	30·34	56	E	2	b	30·36	+ ·06	59	55	— 1	NE	4	bc	*	70	52	—
Bodö	30·28	54	Z	0	b	30·21	— ·02	58	55	— 2	WSW	6	b	4	63	52	—
Christiansund ...	30·31	60	Z	0	mv	30·30	+ ·08	63	59	+ 2	SE	1	m	1	72	50	—
‡Skudesnaes ...	30·24	60	SSE	2	b	30·26	+ ·04	64	59	+ 4	ESE	4	c	4	66	61	—
Oxö (Xtiansund) ...	30·40	65	ENE	2	b	30·40	+ ·04	61	58	+ 6	NNW	2	m	2	73	57	—
Skagen (The Skaw)	30·36	63	Z	0	b	30·38	+ ·03	61	62	+ 1	SW	2	b	0	73	55	—
Fanö	30·36	63	E	5	b	30·34	+ ·04	64	61	+ 2	E	4	b	*	75	55	—
Cuxhaven ...	30·24	61	E	4	b	30·30	+ ·01	63	60	— 1	ESE	4	b	*	?	57	—
‡Sumburgh Head	30·17	54	S	2	f	30·19	+ ·10	52	58	+ 2	SE	1	c	2	60	53	0·01
‡Stornoway ...	30·09	64	SSW	3	c	30·11	+ ·13	59	58	— 1	ESE	2	c	1	70	56	—
Wick	30·12	58	S	2	b	30·15	+ ·08	58	59	+ 1	S	2	f	0	65	52	—
Nairn	30·08	69	Z	0	bc	30·12	+ ·08	59	55	— 7	Z	0	b	0	73	50	—
‡Aberdeen	30·15	59	S	1	f	30·16	+ ·04	60	58	+ 4	S	2	0	1	63	55	—
Leith	30·09	65	NW	1	b	30·14	+ ·04	53	55	— 7	E	1	f	*	72	54	—
‡Shields	30·12	60	ESE	3	mv	30·15	+ ·01	59	56	+ 2	Z	0	f	2	60	53	—
Spurn Head ...	30·09	62	E	3	b	30·13	+ ·02	62	61	— 1	E	2	b	2	66	58	—
York	30·09	64	E	1	b	30·14	+ ·01	62	60	+ 2	N	1	b	*	80	52	—
Loughborough...	30·05	50	ESE	1	b	30·12	+ ·02	59	59	— 1	N	1	ofw	*	82	54	—
‡Ardrossan ...	30·07	69	Z	0	bcm	30·10	+ ·03	60	59	— 1	NE	3	bm	1	74	50	—
‡Mullaghmore ...	30·07	63	NNW	2	b	30·06	+ ·03	60	57	+ 2	E	2	cm	2	65	58	—
Donaghadee ...	30·08	61	SSW	1	b	30·09	+ ·03	59	58	0	NE	2	0	0	67	55	—
Parsonstown ...	30·06	71	WNW	1	o	30·07	+ ·04	57	56	— 5	Z	0	f	*	71	54	—
Barrow-in-Furness	30·05	72	N	1	b	30·08	+ ·01	64	61	+ 3	NE	3	b	2	76	61	—
‡Holyhead ...	30·06	68	NW	1	bm	30·05	— ·01	70	66	0	S	1	bm	1	73	60	—
Liverpool (Bidston)	30·05	68	ESE	1	b	30·08	+ ·01	68	63	+ 3	ESE	2	b	3	79	60	—
‡Valencia	30·10	62	NW	1	bm	30·11	+ ·05	61	59	+ 2	Z	0	bcm	1	68	51	—
Roche's Point ..	30·07	65	SSW	2	b	30·08	+ ·02	61	58	+ 2	NNW	1	b	2	70	55	—
Pembroke ...	30·02	70	NNW	1	b	30·05	+ ·08	65	63	+ 2	ESE	1	bwm	0	72	60	—
‡Scilly	30·03	64	NNW	4	bm	30·08	+ ·08	61	59	— 3	NW	2	c	3	72	58	—
Prawle Point ...	30·03	70	ENE	1	b	30·05	+ ·02	75	68	+ 8	ENE	1	b	0	77	62	—
Hurst Castle ...	30·04	70	W	2	b	30·06	+ ·01	64	62	— 2	Z	0	mw	1	80	61	—
‡Dungeness ...	30·02	70	NE	1	b	30·06	+ ·04	71	65	+ 4	NE	1	b	0	? 76	61	—
‡London... ...	30·03	68	E	1	b	30·08	+ ·02	72	66	+ 8	Z	0	bcm	*	85	59	—
Oxford	30·06	72	NNE	1	b	30·08	·00	67	64	+ 10	N	1	b	*	82	50	—
Cambridge ...	30·05	70	Z	0	b	30·08	+ ·01	68	64	+ 4	Z	0	b	*	83	56	—
‡Yarmouth ...	30·08	68	ENE	2	b	30·11	+ ·02	66	64	+ 1	E	3	b	2	70	62	—
The Helder ...	30·12	72	S	1	b	30·15	+ ·02	65	61	0	ESE	1	b	1	79	64	—
Cape Griz Nez ..	?	66	NE	4	b	?	?	68	66	0	Z	0	m	0	79	64	—
‡Jersey	30·00	77	ENE	2	bm	30·04	+ ·04	73	67	+ 5	Z	0	bm	0	82	65	—
Brest	30·02	72	NW	3	b	30·07	+ ·08	60	60	— 4	N	3	m	3	81	59	—
Lorient	30·01	72	NW	4	b	30·04		63	61		N	3	b	1	88	59	—
‡Rochefort ...	30·04	72	NW	5	o	30·08	+ ·07	65	67	— 2	N	3	b	2	82	63	—
Biarritz																	
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·10	+ ·03	71	63	+ 3	E	3	b	*	87	61	—
Charleville ...	30·01	83	E	3	b	? 30·10	+ ·03	64	58	— 4	E	1	b	*	91	58	—
Paris	30·04	73	N	4	o	30·08	+ ·06	72	?	— 1	N	1	m	*	*	*	—
Lyons	29·99	76	E	1	bc	30·01	+ ·03	66	64	+ 2	N	1	b	*	85	? 61	—
Toulon	30·18	76	SW	1	m	30·17	·00	77	69	+ 4	Z	0	m	0	82	72	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted)

Fred^k Wingfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Friday 8th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7, ⟶ = forces 1 to 4;
⊙ = dead calm.

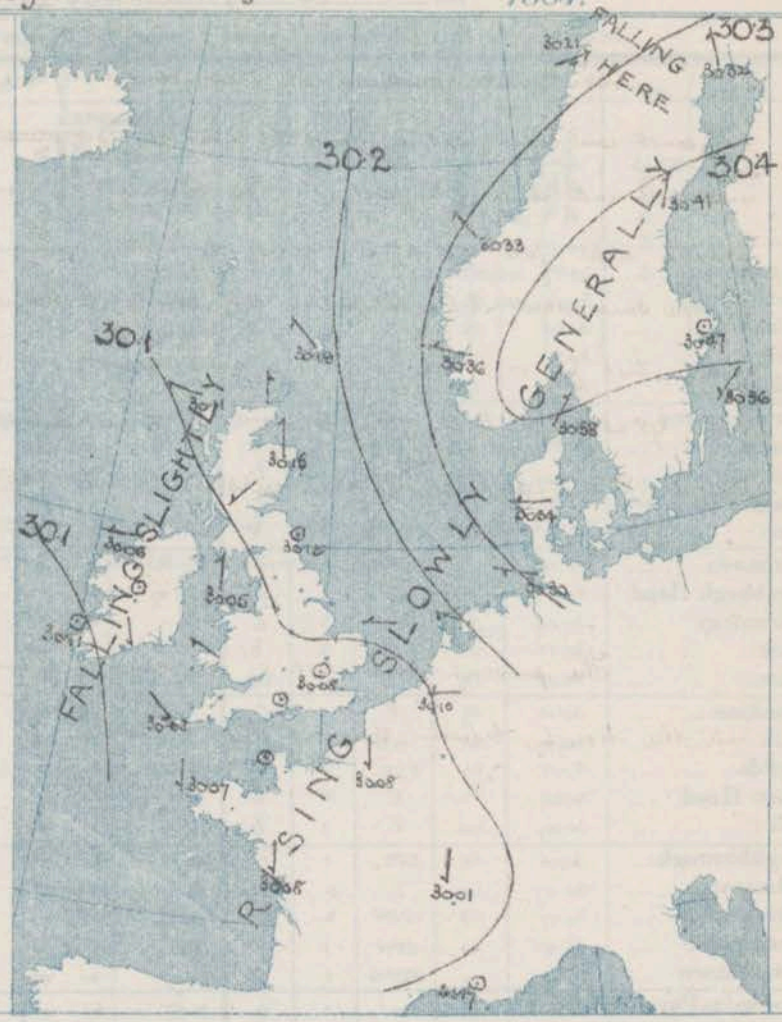
Sea Disturbance — *where considerable is shewn thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·829
Aberdeen	29·835
Leith	29·852
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·903
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·949
Dover	29·945
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather — *is shown by Letters of the Beaufort Scale.*

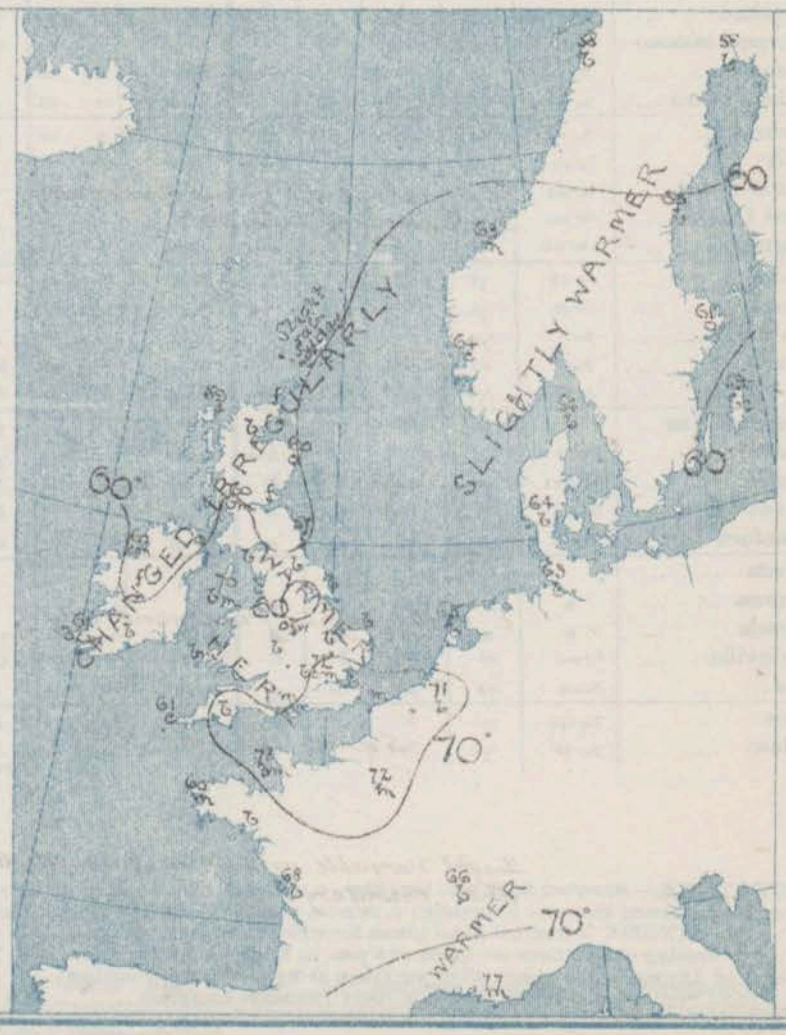
Rainfall. — *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins.
Sumburgh Head	54·1	52·4	3·49
Stornoway	55·8	53·9	3·62
Wick	55·6	53·6	2·43
Nairn	56·0	53·1	2·99
Aberdeen	56·8	53·9	3·33
Leith	58·1	55·2	2·62
Shields	53·0	55·3	2·74
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	55·9	2·93
Liverpool	59·2	56·1	2·65
Valencia	59·8	57·1	4·64
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	59·8	2·54
Dover	63·3	59·6	2·24
LONDON	61·9	58·5	2·45
Oxford	59·8	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·9	58·5	2·26

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Friday 8th August 1884, at 8 a.m.

The highest pressures are still reported from Sweden, but a second area of high reading has appeared off our south-west coasts, and a trough of relatively low pressures has consequently been formed over the north of Ireland and west and south of England. The barometer is however, rising at all but our extreme north-western stations, where a slight fall has set in during the night. The wind is light from E. or SE. on our north and east coasts, but in the south-west it has shifted to NW., while in the west of France it is N^ly. The weather remains fine in most places, but fog or mist is still reported locally. Temperature has changed very irregularly; readings now range from 75° at Hawke Point, 73° at Jersey, and 72° in London to 53° at Leith. During yesterday the thermometer rose to 82° at Oxford, 83° at Cambridge, 84° at Loughborough and 85° in London. Sea is slight or smooth on all our coasts.

The present disposition of pressure is frequently accompanied by thunderstorms which may possibly form in the trough between the two high pressures.

FORECASTS

for the 24 hours ending at NOON on 9th August 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE^ly winds, light; fair generally, but some fog or mist.	6 SCOTLAND WEST	Same as No^s 0 to 2
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	Same as No^s 4 & 5
2 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W	Same as No^s 4 & 5
3 ENGLAND EAST	E^ly winds, light; fine generally	9 IRELAND NORTH	Variable airs; fair to cloudy and unsettled.
4 MIDLAND COUNTIES	Same as No^s 5	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	Light variable airs; fine to unsettled and thundery.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London. 131.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·34	66	59	S	6	bm	4	Valencia	30·09	67	62	NNW	2	b	2
Sumburgh Head	30·16	57	54	S	5	m	4	Scilly	30·03	68	64	NW	2	b	3
Stornoway	30·06	68	62	SSE	3	c	3	Dungeness	30·03	70	66	ENE	1	b	1
Aberdeen	30·15	60	58	S	2	o	1	London	30·03	72	69	ESE	1	bc	*
Shields	30·02	60	60	SE	2	f	3	Yarmouth	30·09	69	65	E	2	b	3
Ardrossan	30·07	71	66	NW	1	c	1	Jersey	30·01	58	69	ESE	1	b	1
Mullaghmore	30·07	64	60	NNW	1	b	1	Rochefort	30·04	58	52	NW	3	bc	2
Holyhead	30·05	69	62	NW	1	bm	1								

REMARKS.

The barometer continues to rise at all stations excepting Shields and London, and a second high-pressure area appears to be forming outside our south-west coast. The wind has shifted to NW. at all the western stations, but fine weather continues in nearly all parts of the Kingdom. Sea is moderate at Dungeness, slight or smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday 9th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·26	56	Z	0	b	30·31	·00	63	59	+ 5	NNW	2	b	*	65	? 50	—
Hernösand ...	30·36	60	S	4	b	30·35	— ·06	61	59	+ 1	Z	0	b	*	72	46	—
Stockholm ...	30·44	59	Z	0	b	30·44	— ·09	60	60	+ 2	S	2	b	*	70	50	—
Wisby	30·34	57	E	4	b	30·33	— ·03	63	59	+ 4	SE	4	b	*	72	52	—
Bodö	30·34	54	Z	0	o	30·31	+ ·11	55	53	— 3	WSW	2	o	2	59	52	—
Christiansund ...	30·36	64	NNW	2	b	30·25	— ·08	66	59	+ 3	ESE	1	b	1	72	54	—
‡Skudesnaes ...	30·34	64	Z	0	c	30·29	— ·07	64	59	0	ESE	4	b	3	70	64	—
Oxö (Utsansund) ...	30·36	64	ENE	2	m	30·34	— ·06	63	60	+ 2	N	2	b	2	75	54	—
Skagen (The Skaw)	30·36	68	Z	0	b	30·34	— ·04	66	61	+ 2	SSE	2	b	1	73	55	—
Fanö	30·28	62	E	4	b	30·22	— ·12	61	51	— 3	E	6	c	*	73	57	—
Cuxhaven ...	30·27	65	E	3	b	30·19	— ·11	66	63	+ 3	E	3	m	*	66	59	—
‡Sumburgh Head	30·15	58	SSE	3	c	30·12	— ·07	57	57	— 2	SSE	4	m	5	63	55	—
‡Stornoway ...	30·05	61	NNE	1	c	29·98	— ·12	59	58	0	Z	0	b	0	69	52	0·31
Wick	30·08	59	S	3	b	30·04	— ·11	56	56	— 2	S	6	f	4	65	54	—
Nairn	30·01	64	Z	0	b	30·01	— ·11	61	56	+ 2	Z	0	bm	0	65	58	—
‡Aberdeen	30·13	61	SSE	1	o	30·09	— ·07	60	59	0	SSE	1	ow	1	66	56	0·01
Leith	30·06	59	NW	1	b	30·04	— ·10	58	57	+ 2	SSE	1	m	*	61	54	—
‡Shields	30·08	61	SSE	4	bm	30·05	— ·10	58	58	+ 1	S	2	f	3	65	55	—
Spurn Head ...	30·09	62	E	4	b	30·05	— ·08	62	61	0	E	3	bc	3	68	59	—
York	30·09	76	E	2	b	30·06	— ·08	61	60	— 1	N	1	m	*	85	56	—
Loughborough...	30·03	82	E	3	b	30·03	— ·09	62	60	+ 3	ENE	2	omw	*	89	59	—
‡Ardrossan ...	30·00	72	NE	2	bm	30·00	— ·10	64	61	+ 4	NE	1	bm	1	76	55	—
‡Mullaghmore ...	30·03	60	ENE	5	o	30·01	— ·05	59	55	— 3	ESE	1	om	0	67	55	—
Donaghadee ...	30·01	62	Z	0	b	30·02	— ·07	59	57	— 2	NNE	2	f	0	67	54	—
Parsonstown ...	30·04	68	W	2	b	30·03	— ·04	58	52	— 4	Z	0	f	*	72	47	—
Barrow-in-Furness	30·02	71	NW	2	o	30·02	— ·06	64	61	0	NE	1	b	2	80	62	—
‡Holyhead ...	30·01	66	SSW	2	bom	30·02	— ·03	68	60	— 7	NW	2	bm	2	75	56	—
Liverpool (Bidston)	30·02	65	W	1	b	30·01	— ·07	65	62	— 3	NNE	1	b	1	84	60	—
‡Valencia	30·10	62	WNW	1	bc	29·97	— ·02	60	59	— 1	ESE	2	bc	2	66	47	—
Roche's Point ..	30·08	65	WSW	2	bc	30·03	— ·05	59	54	— 4	NNW	1	b	2	72	51	—
Pembroke ...	30·01	58	WNW	1	f	30·01	— ·04	61	59	— 4	NW	1	c	1	67	55	—
‡Scilly	30·07	63	NNW	2	b	30·01	— ·07	62	60	+ 1	ENE	1	r	2	66	58	—
Prawle Point ...	30·04	70	SW	1	b	30·02	— ·03	68	64	— 7	Z	0	c	0	77	60	—
Hurst Castle ...	30·03	72	WSW	3	m	30·00	— ·06	69	67	+ 5	NE	1	c	1	81	62	—
‡Dungeness ...	30·03	70	ENE	3	b	30·00	— ·06	69	64	— 2	ENE	1	b	2	76	69	—
‡London... ...	30·04	78	ESE	2	bom	30·02	— ·06	71	65	— 1	E	1	bm	*	89	60	—
Oxford	30·03	77	SE	2	b	30·01	— ·07	69	65	+ 2	Z	0	c	*	88	62	—
Cambridge ...	30·04	88	E	1	c	30·01	— ·07	67	64	— 1	E	1	b	*	89	56	—
‡Yarmouth ...	30·08	69	E	1	b	30·04	— ·09	66	64	0	E	2	b	2	71	64	—
The Helder ...	30·10	72	S	3	b	30·02	— ·13	66	65	0	S	1	b	1	79	59	—
Cape Griz Nez...	?	71	NW	1	b	?	?	68	64	0	ENE	1	b	1	77	64	—
‡Jersey	30·02	70	NNW	1	bom	29·99	— ·05	68	65	— 5	Z	0	bom	0	80	63	—
Brest	30·06	64	WSW	5	o	29·99	— ·08	60	59	— 0	NW	3	o	3	81	59	—
Lorient	30·05	75	NW	4	c	29·99	— ·05	65	62	+ 2	ENE	3	b	1	82	61	—
‡Rochefort ...	30·03	72	NW	5	b	30·02	— ·06	69	69	+ 1	SSE	4	b	2	82	63	—
Biarritz	29·96	75	N	3	b	29·91		71	68		E	3	b	1	79	68	—
Coruna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·01	— ·09	67	61	— 4	ENE	1	b	*	86	58	—
Charleville ...	30·02	81	E	1	b	30·04	— ·06	63	58	— 1	ESE	3	bc	*	90	56	—
Paris	30·01	81	Z	0	bc	30·02	— ·06	70	68	+ 1	Z	0	bc	*	*	*	—
Lyons	29·95	79	N	1	b	30·02	+ ·01	71	68	+ 5	E	1	b	*	84	61	—
Toulon	30·17	73	Z	0	m	30·17	·00	68	63	— 9	E	1	m	0	81	63	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Frederick Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Saturday 9th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

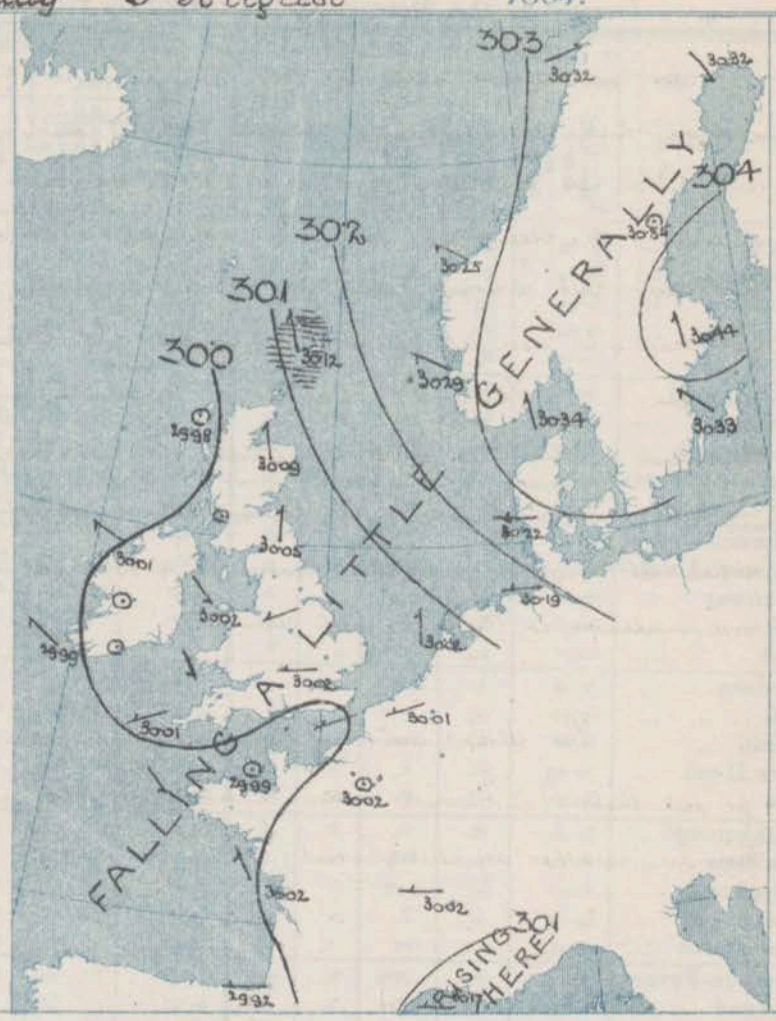
Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 6 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*

= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

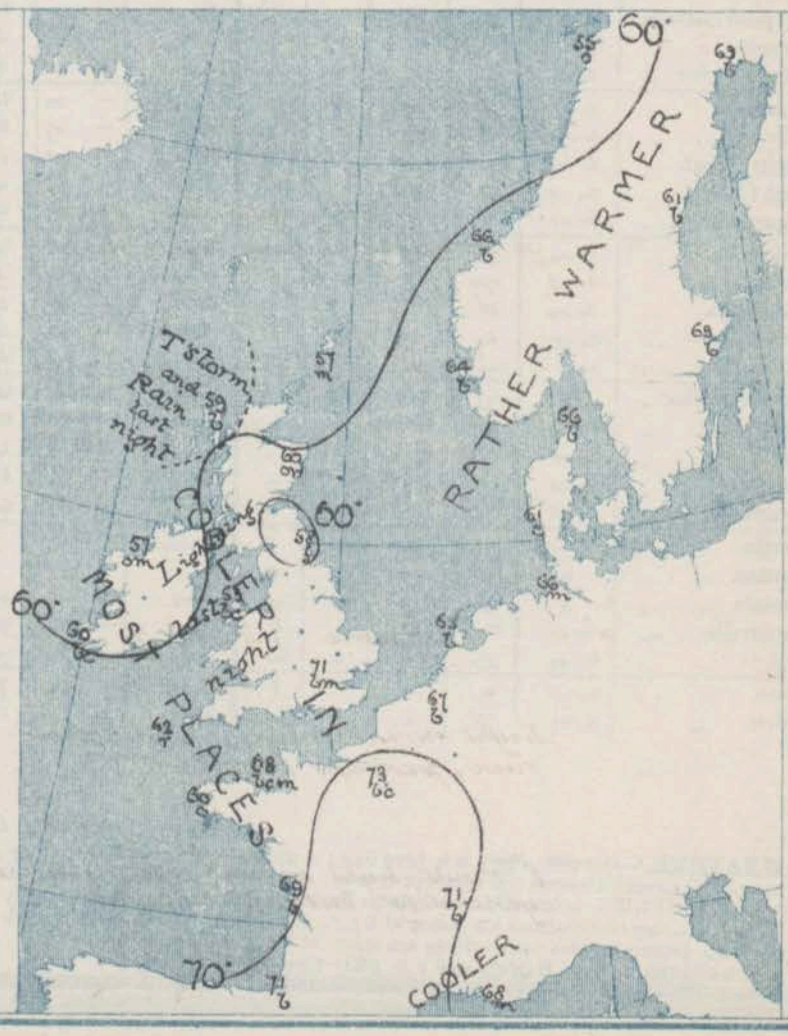
STATIONS.	MEAN READINGS ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 852
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 940
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 978

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*



MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE Dry Bulb.	TEMPERATURE Wet Bulb.	RAINFALL ins.
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 5	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 8	3 · 33
Leith	58 · 1	55 · 7	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 93
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	58 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 6	2 · 54
Dover	63 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

Note – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Saturday 9th August 1884, at 8 a.m.

An anticyclone still lies over Scandinavia, but the barometer is falling in most places, and the area of relatively high pressure recently existing off our south-west coasts has disappeared. The wind is still S. in Scotland, and E. on our south-east coasts, as well as on the eastern shore of the North Sea, but in the west and south-west of our islands it has become very variable. The weather is foggy or misty at most of our northern stations, and rain is falling at Scilly, but elsewhere conditions remain generally fine. A thunderstorm occurred last night at Stornoway, and lightning was seen at Aberdeen, Holyhead and Oxford, while a brilliant meteor was observed at Roches Point at 9.42 pm. Temperature has fallen slightly in most places, and readings now range from 71° in London to 53° at Parsonstown. In the course of yesterday the thermometer rose to 85° at York, 88° at Oxford, and 89° at Loughborough, Cambridge, and in London. At Cambridge the range of temperature during the past 24 hours has been as much as 33°, while at Loughborough it has amounted to 30°, and in London to 29°. The sea is rather rough at Lumburgh Head, and moderate at Wick, smooth elsewhere.

The disappearance of the south-western area of high pressure renders conditions somewhat more favourable for our eastern and south-eastern districts. In the west, however, local irregularities, such as usually accompany thundery weather are still observed.

FORECASTS

for the 24 hours ending at NOON on 10th August 1884.
(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. by E. winds, moderate; fair generally, but some fog or mist.	6 SCOTLAND WEST	Same as No. 0 to 2
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	Light variable airs; fine to cloudy and unsettled.
2 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W	Same as No. 4
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	E. by or SE. by winds, moderate, cloudy, probably some rain.
4 MIDLAND COUNTIES	Light variable airs; cloudy, some rain, perhaps thunder.	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	E. by winds, light or moderate; fine generally, but rather cooler.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, 131.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnes	30·39	70	62	SSE	2	b	3
Sumburgh Head	30·17	59	59	SSE	3	m	3
Stornoway	30·08	64	61	ENE	2	b	1
Aberdeen	30·13	62	60	SSE	1	o	1
Shields	30·12	66	62	SE	2	bm	2
Ardrossan	30·03	75	70	NE	3	b	1
Mullaghmore	30·03	62	60	NNW	3	c	2
Holyhead	30·05	71	69	WSW	1	bm	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	30·11	65	60	W	2	b	2
Scilly	30·07	66	62	NNW	2	b	3
Dungeness	30·05	73	66	ENE	3	b	2
London	30·04	85	67	ESE	3	b	*
Yarmouth	30·16	69	66	E	2	b	3
Jersey	30·04	76	70	W	1	b	1
Rochefort	30·08	79	72	NW	4	be	2

REMARKS.

The barometer is falling slightly in most parts of our islands, but the winds have undergone little change since the morning. Fine warm weather is still reported generally. The sea is slight or smooth on all our coasts.

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DAILY WEATHER REPORT

for Sunday 10th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12)	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12)	Weather.	Sea (0 to 9).	LAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30.49	59	SSW	2	b	30.15	— .17	57	59	— 6	SE	2	f	*	65	46	—
Hernösand ...	30.25	60	Z	0	b	30.15	— .20	62	59	+ 1	Z	0	b	*	72	48	—
Stockholm ...	30.36	58	Z	0	b	30.25	— .19	65	61	+ 2	ESE	2	b	*	73	65	—
Wisby	30.25	58	SE	4	b	30.15	— .17	64	62	+ 3	SE	4	b	*	73	55	—
Bodö	30.28	59	ESE	2	b	30.17	— .15	57	55	+ 2	Z	0	b	0	61	52	—
Christiansund	30.20	61	W	3	b	30.05	— .17	62	59	— 4	SE	1	b	1	68	54	—
‡Skudesnaes ...	30.22	65	SSW	1	c	30.13	— .16	64	59	0	E	4	o	2	69	64	—
Oxö (Christiansund) ..	30.22	64	ENE	4	o	30.14	— .20	64	59	+ 1	ENE	4	b	3	70	61	—
Skagen (The Skaw)	30.24	65	ESE	2	bc	30.09	— .25	65	61	— 1	ESE	3	bc	1	72	50	—
Fanö	30.09	65	E	6	f	30.00	— .22	64	62	+ 5	E	4	c	*	75	61	0.04
Cuxhaven ..	30.09	62	E	2	c	30.04	— .15	67	65	+ 1	SSE	1	m	*	67	?	0.34
‡Sumburgh Head	30.07	57	SSE	4	m	29.99	— .13	55	55	— 2	SSE	4	f	4	61	55	—
‡Stornoway ...	29.78	62	SE	1	b	29.87	— .11	55	54	— 4	Z	0	f	0	71	52	—
Wick	29.95	57	S	3	f	29.93	— .11	57	57	+ 1	S	3	f	2	62	54	—
Nairn	29.93	70	Z	0	b	29.91	— .10	62	58	+ 1	Z	0	bm	1	77	56	—
‡Aberdeen	30.03	61	NE	2	q	29.95	— .13	58	57	— 2	S	2	m	1	65	57	0.01
Leith	29.96	61	NE	1	m	29.95	— .09	55	57	0	SE	1	m	*	62	55	0.01
‡Shields	29.99	61	SSE	2	c	29.97	— .08	60	58	+ 2	SE	1	cm	2	65	56	0.02
Spurn Head ...	30.01	62	ESE	3	o	29.95	— .07	61	60	— 1	SE	2	bc	3	67	58	0.66
York	29.99	70	E	2	o	29.99	— .07	65	62	+ 4	SSE	1	bc	*	80	57	0.04
Loughborough...	29.97	68	Z	0	b	29.99	— .04	63	62	+ 1	Z	0	cgm	*	62	60	0.22
‡Ardrossan ...	29.98	65	Z	0	b	29.98	— .07	64	61	0	ENE	1	c	1	78	51	—
‡Mullaghmore ...	29.79	71	SSE	1	b	29.81	— .19	66	60	+ 9	SSE	2	o	2	71	56	—
Donaghadee ...	29.96	54	Z	0	f	29.98	— .04	56	57	+ 1	S	[illegible]	c	0	60	54	0.02
Parsonstown ...	29.91	72	S	1	bc	29.88	— .15	63	60	+ 10	ESE	1	o	*	76	53	0.02
Barrow-in-Furness	29.97	68	WSW	1	b	29.96	— .05	63	61	— 1	NNE	2	bcp	2	71	59	0.07
‡Holyhead ...	29.98	65	SW	2	bc	29.95	— .07	65	60	+ 2	SSW	1	cm	1	64	59	—
Liverpool (Sidsson)	29.97	67	NNE	1	b	29.96	— .05	69	64	+ 4	SSE	1	bc	1	71	[illegible]	[illegible]
‡Valencia	29.92	62	SE	2	bc	29.92	— .17	63	62	+ 3	SSE	5	cm	5	66	[illegible]	—
Roche's Point ..	29.97	64	SSE	2	bc	29.89	— .14	67	64	+ 10	ESE	3	bc	3	61	57	—
Pembroke ...	29.96	62	E	1	c	30.00	— .01	66	62	+ 5	E	3	m	1	66	60	—
‡Scilly	29.98	67	ESE	3	c	29.86	— .15	67	63	+ 5	ESE	5	bc	6	68	59	0.37
Prawle Point ...	29.97	72	ENE	1	c	29.93	— .09	68	65	5	ENE	2	bc	1	74	62	0.04
Hurst Castle ...	29.99	75	NNE	2	m	29.99	— .01	65	64	— 1	NE	3	c	1	81	63	—
‡Dungeness ...	29.98	68	ENE	2	c	29.99	— .01	65	63	— 4	Z	0	c	0	?	62	—
‡London	29.99	75	E	1	cm	29.99	— .03	67	65	— 4	E	1	cm	*	87	65	0.08
Oxford	30.01	67	N	1	r	30.00	— .01	64	62	— 5	SSW	1	c	*	86	63	0.10
Cambridge ...	30.01	86	Z	0	c	29.98	— .03	67	65	*	SSW	1	c	*	86	62	—
‡Yarmouth ...	30.00	65	ENE	1	b	29.98	— .06	67	65	+ 1	Z	0	bf	2	70	60	—
The Helder ...	30.00	70	ENE	3	b	29.98	— .04	65	64	+ 3	E	2	bc	2	79	59	—
Cape Griz Nez...	?	66	ENE	3	o	?	?	65	64	— 3	ENE	3	o	1	77	63	—
‡Jersey	29.95	75	NE	2	cmy	29.92	— .07	70	63	+ 2	ENE	3	bcm	3	83	66	0.02
Brest	29.98	77	ENE	4	o	29.88	— .11	70	63	+ 6	SE	4	b	4	82	59	—
Lorient	29.98	74	WNW	3	c	29.88	— .11	68	63	+ 3	E	4	b	1	91	63	—
‡Rochefort ...	29.97	82	NW	1	b	29.95	— .07	72	67	+ 3	SE	5	bc	1	90	64	—
Biarritz	29.80	91	E	3	bc	29.89	— .03	78	71	+ 2	W	3	b	1	99	60	—
Corunna ...	*	*	*	*	*												
Brussels ...	*	*	*	*	*	29.97	— .04	68	64	+ 1	NSW	1	bc	*	66	64	—
Charleville ...	29.96	82	E	3	c	30.01	— .02	62	57	— 1	NW	1	b	*	90	54	—
Paris	29.96	77	Z	0	b	30.00	— .02	72	66	— 1	Z	0	b	*	*	*	—
Lyons	29.86	81	E	1	b	30.05	+ .03	70	64	— 1	SE	1	bc	*	87	62	—
Toulon	30.10	74	SE	1	m	30.05	+ .03	73	65	+ 5	SE	1	m	0	84	66	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by Harrison & Sons, London.

WEATHER CHARTS

for 8 a.m. on Sunday 10th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

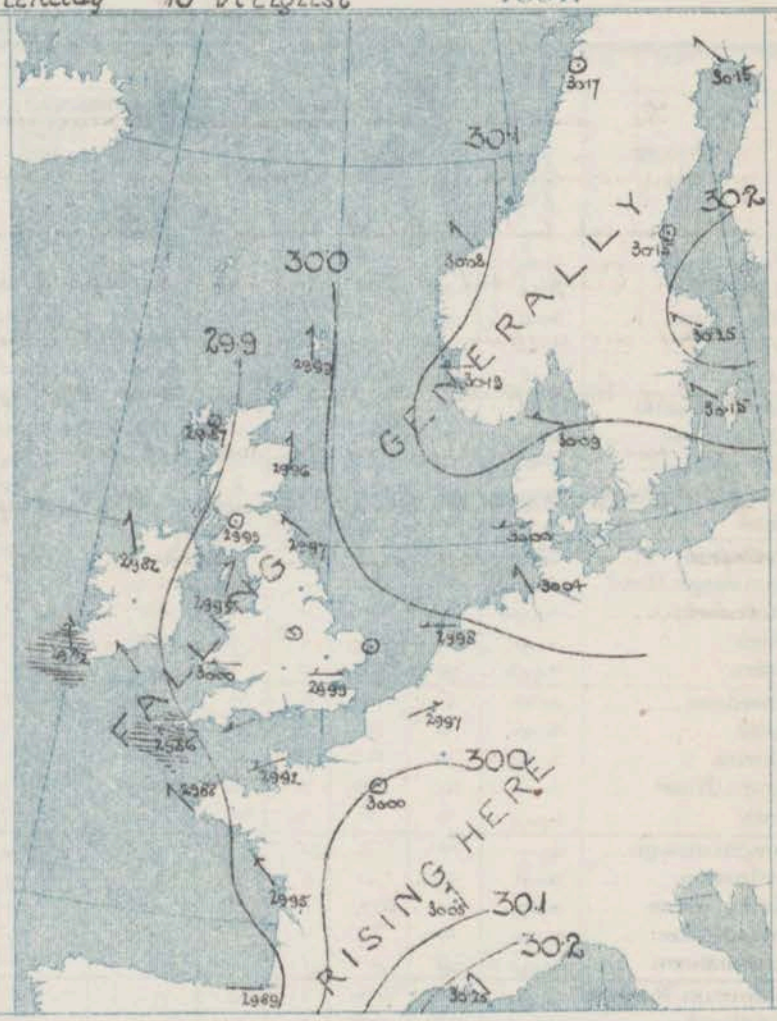
⟹ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 4 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shown thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·829
Aberdeen	29·835
Leith	29·852
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·949
Dover	29·946
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·929



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

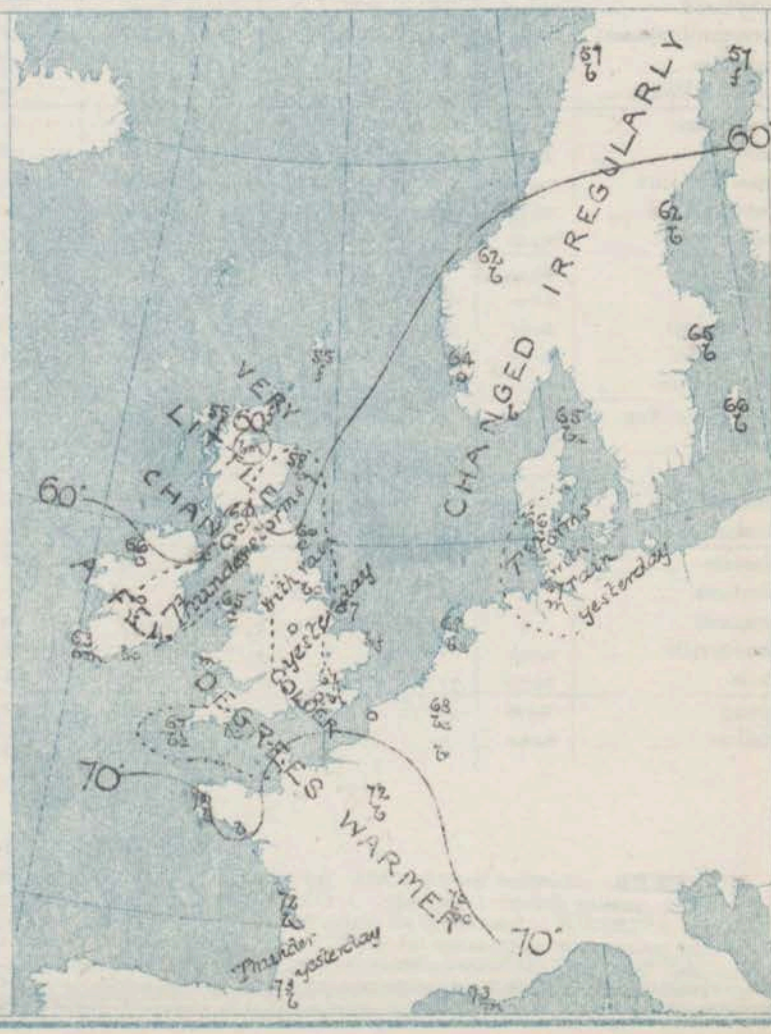
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb	Wet Bulb	
	°	°	ins
Sumburgh Head	54·1	52·4	3·49
Stornoway	55·8	53·9	3·62
Wick	55·6	53·6	2·43
Nairn	56·0	53·1	2·99
Aberdeen	56·8	55·9	3·33
Leith	58·1	55·7	2·62
Shields	58·0	56·3	2·79
York	58·7	56·0	2·57
Ardrossan	57·8	56·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·9	2·93
Liverpool	59·2	56·1	2·65
Valencia	59·6	57·1	4·64
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	59·8	2·59
Dover	63·3	59·6	2·24
LONDON	61·0	58·6	2·45
Oxford	59·8	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·4	58·6	2·26

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 10th August 1884. at 8 a.m.

The anticyclone over Scandinavia appears to be giving way somewhat, while an area of high pressure is making up over France. The lowest readings are however, still found off our western coasts, and the barometer is falling at all but the French stations. Light or moderate breezes from E. or SE. prevail in nearly all parts of Western Europe, but in the north-west of England the wind is rather variable. The weather remains fine at all but our northern stations, where fog or mist is very prevalent. Thunderstorms occurred yesterday in many parts of Great Britain and at Spurn Head the accompanying rainfall amounted to 0.7 in. Temperature has risen several degrees in the west but fallen a little in the east, and readings now range from 70° at Jersey to 55° at Lumburgh Head and Stornoway. During yesterday the thermometer rose to 84° at Loughborough, 83° at Oxford, 86° at Cambridge, and 87 in London. The sea is rough in the extreme south-west, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at NOON on 11th August 1884.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Bradk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesness	30.25	69	62	SSE	1	b	3	Valencia	29.96	65	60	S	5	bam	5
Sumburgh Head	30.09	59	59	NNE	5	m	5	Scilly	29.94	69	63	ESE	3	o	2
Stornoway	29.95	70	65	SW	3	b	2	Dungeness	29.97	72	65	E	3	ba	3
Aberdeen	30.05	62	60	SSE	2	o	1	London	29.97	72	69	ENE	1	b	0
Shields	30.02	63	60	ESE	2	ba	3	Yarmouth	[illegible]	69	65	ENE	2	b	2
Ardrossan	29.96	75	67	[illegible]	1	b	0	Jersey	29.96	73	72	NE	1	b	1
Mullaghmore	29.94	69	66	NNW	2	b	1	Rochefort	29.99	69	68	NW	3	b	2
Holyhead	30.01	69	61	SSW	2	b	2								

REMARKS.

The barometer continues to fall slowly in most places, but the sounds and weather remain almost unchanged. The sea is rather rough at Sumburgh Head, & Valencia, slight or smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 11th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·00	56	SE	2	b	30·10	− ·05	54	50	− 3	NE	4	bc	*	61	46	—
Hernösand ...	29·99	62	S	4	b	29·98	− ·16	59	57	− 3	NE	6	o	*	73	48	—
Stockholm ...	30·04	62	Z	0	o	29·89	− ·36	61	61	− 3	ENE	2	r	*	72	54	0·16
Wisby	29·97	64	ESE	4	o	29·91	− ·24	63	61	− 3	W	2	o	*	75	55	—
Bodö	30·09	55	NNE	2	bc	30·09	− ·08	57	54	0	NE	2	b	1	57	52	—
Christiansund ...	30·02	61	NSW	1	bc	29·99	− ·09	61	58	− 1	ENE	1	f	0	64	55	—
‡Skudesnaes ...	30·01	66	NNE	2	c	29·99	− ·14	64	60	0	NNE	2	b	2	73	64	0·39
Oxö (Christiansund) ...	29·97	63	NE	4	o	29·97	− ·17	60	?	− 4	NNW	2	b	2	70	57	—
Skagen (The Skaw)	29·96	62	E	2	o	29·94	− ·15	63	61	− 2	NNE	3	o	1	68	61	0·08
Fanö														*			
Cuxhaven ...	30·02	66	NW	1	b	30·07	+ ·03	65	62	− 2	NW	3	c	*	69	58	—
‡Sumburgh Head	29·93	58	SSE	3	c	29·92	− ·07	56	56	+ 1	SSE	3	f	4	60	53	0·01
‡Stornoway ...	29·83	64	SSW	3	o	29·88	+ ·01	56	55	+ 1	NNW	3	cm	2	68	53	0·69
Wick	29·86	59	S	1	c	29·89	− ·04	58	58	+ 1	S	1	cm	1	65	54	0·12
Nairn	29·85	70	Z	0	b	29·87	− ·01	61	59	− 1	Z	0	0	1	77	59	0·08
‡Aberdeen	29·91	60	S	2	bc	29·89	− ·07	58	58	0	S	1	cm	1	66	55	0·24
Leith	29·89	60	NW	1	b	29·90	− ·05	59	58	+ 1	E	1	cm	*	68	56	0·10
‡Shields	29·91	63	SSE	2	o	29·94	− ·08	63	62	+ 3	SE	1	m	2	70	58	0·08
Spurn Head ...	29·93	64	ESE	3	b	29·93	− ·05	63	62	+ 2	SE	3	b	3	68	60	—
York	29·92	66	S	1	b	29·93	− ·06	68	64	+ 3	SSE	1	b	*	80	62	—
Loughborough...	29·92	75	SSE	2	o	29·92	− ·07	69	64	+ 6	SSE	2	bcmr	*	81	59	0·09
‡Ardrossan ...	29·89	71	Z	0	cm	29·88	− ·05	68	65	+ 4	Z	0	bm	0	75	60	0·01
‡Mullaghmore ...	29·82	62	W	2	r	29·89	+ ·07	57	56	− 9	NSW	1	cm	1	71	56	0·34
Donaghadee ...	29·86	62	SE	1	c	29·90	− ·03	60	60	+ 2	NNE	1	o	0	67	57	0·08
Parsonstown ...	29·83	70	Z	0	o	29·90	+ ·02	58	57	− 5	Z	0	d	*	76	57	—
Barrow-in-Furness	29·88	74	ENE	2	bc	29·87	− ·09	66	64	+ 3	NE	3	c	2	77	62	0·07
‡Holyhead ...	29·89	78	SW	1	bc	29·89	− ·06	62	61	− 3	SSW	1	cm	1	75	60	0·50
Liverpool (Bidston)	29·88	78	SSE	1	c	29·88	− ·08	71	65	+ 2	ESE	1	b	2	81	63	—
‡Valencia	29·89	58	NNW	3	o	29·92	+ ·10	56	55	− 7	NNW	1	cm	1	66	54	0·26
Roche's Point ..	29·86	65	S	2	m	29·90	+ ·01	59	58	− 8	WSW	2	m	3	69	59	0·01
Pembroke	29·87	66	SE	1	m	29·90	− ·10	63	63	− 3	Z	0	f	0	72	60	—
‡Scilly	29·86	68	S	2	bc	29·92	+ ·06	61	60	− 6	N	2	o	2	70	59	0·01
Prawle Point ...	29·89	68	ENE	2	b	29·91	− ·02	70	65	+ 2	NE	1	b	1	74	60	—
Hurst Castle ...	29·91	74	E	3	b	29·93	− ·06	72	69	+ 4	ESE	2	bm	1	81	62	—
‡Dungeness ...	29·95	68	E	3	b	29·95	+ ·04	72	65	+ 7	Z	0	bc	0	72	63	—
‡London	29·95	79	E	3	bc	29·94	− ·05	75	69	+ 8	E	1	bm	*	83	61	0·02
Oxford	29·93	71	ESE	1	b	29·92	− ·08	70	64	+ 6	SE	2	b	*	77	59	0·07
Cambridge ...	29·89	77	SW	1	c	29·93	− ·05	71	66	+ 4	SE	1	b	*	79	58	0·15
‡Yarmouth ...	29·96	68	SSE	2	b	29·96	− ·02	67	65	0	SE	2	bw	2	72	63	—
The Helder ...																	
Cape Griz Nez...																	
‡Jersey	29·85	77	NE	2	o	29·92	00	66	66	− 4	SSW	1	f	2	86	63	0·02
Brest	29·83	73	NW	1	b	29·92	+ ·04	64	64	− 6	SE	1	m	3	81	59	—
Lorient	29·89	69	SSE	3	m	29·97	+ ·09	64	64	+ 4	WSW	4	m	2	90	61	—
‡Rochefort ...	29·97	73	SW	4	b	30·09	+ ·14	69	69	− 2	Z	0	0	0	84	64	—
Biarritz	29·93	79	NNE	3	c	29·97	+ ·08	72	72	− 1	SW	4	ct	1	75	70	0·04
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29·99	+ ·02	72	64	+ 4	Z	0	c	*	84	64	—
Charleville ...	29·99	82	NNW	3	c	30·03	+ ·01	65	60	+ 3	ENE	5	b	*	91	61	0·35
Paris	29·93	83	Z	c	b	30·01	+ ·01	72	66	0	SW	3	c	*	*	*	—
Lyons														*			
Toulon	30·25	77	SW	1	m	30·25	00	75	64	+ 2	NW	1	m	0	84	64	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain: f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Trout & Hangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Monday 11th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

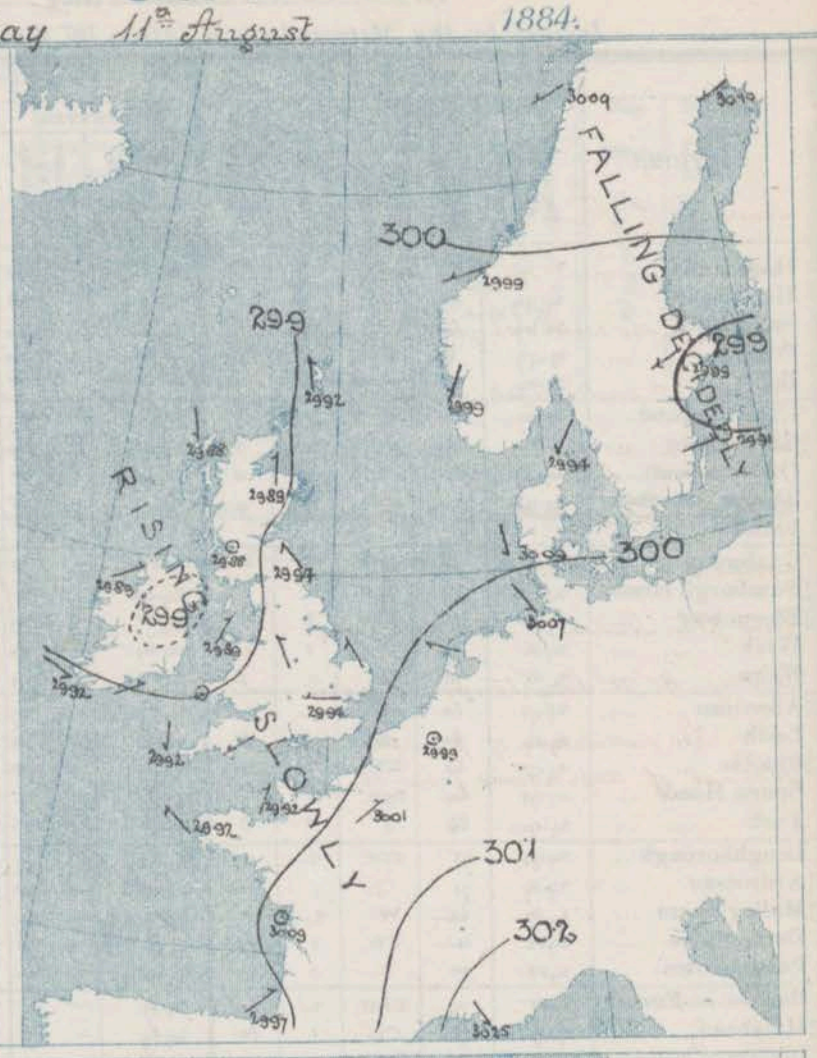
⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4.
⊙ = dead calm.

Sea Disturbance — where considerable is shown thus
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August
During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS
	ins
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·829
Aberdeen	29·835
Leith	29·862
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·948
Dover	29·945
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10°. Changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

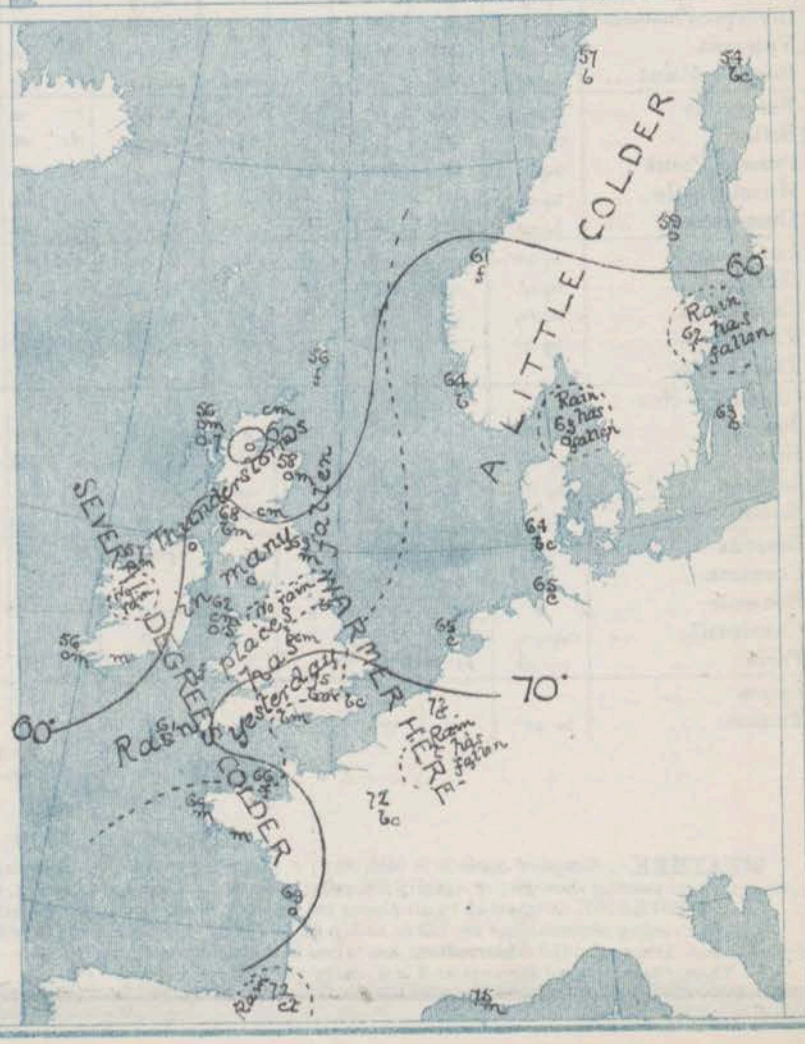
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54·1	52·4	3·49
Stornoway	55·8	53·9	3·62
Wick	55·6	53·8	2·40
Nairn	56·0	53·1	2·89
Aberdeen	56·8	53·9	3·33
Leith	58·1	55·2	2·62
Shields	58·0	56·3	2·74
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·9	2·93
Liverpool	59·2	56·1	2·65
Valencia	59·8	57·1	4·64
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	58·3	2·63
Hurst Castle	61·7	59·8	2·54
Dover	62·3	59·6	2·24
LONDON	61·9	58·5	2·45
Oxford	59·8	57·3	2·96
Cambridge	60·7	57·9	2·26
Yarmouth	61·4	58·5	2·26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 11th August 1884, at 8 a.m.

The anticyclone recently noticed over Sweden has disappeared, & the highest pressures are now reported from the southeast of France, while a large area of relatively low readings now lies over the west & north of our islands, & a smaller low pressure area over the Baltic. The barometer is rising a little in most parts of the United Kingdom & France, but falling on the eastern shores of the North Sea. The wind is light in force generally; over Scandinavia it is Northeasterly, & on our east & south coasts Easterly or Southeasterly, but in Ireland & Scotland it is very variable. The weather is dull in Sweden as well as on our western & northern coasts, with mist & fog in many places, but over the greater part of England the sky remains quite clear. Thunderstorms occurred yesterday in several parts of Great Britain, & in some instances the accompanying rainfall was very heavy. Temperature has fallen several degrees in Ireland, but rises over England; & readings now range from 75° in London to 56° at Scarborough Stevenson & Buck. The highest maxima registered yesterday were 83° in London, 81° at Loughborough & Hawarden Castle & 80° at York. The sea is slight or smooth.

The distribution of pressure has undergone a decided change, & conditions are becoming favourable for the advance of depressions from the westward.

FORECASTS

for the 24 hours ending at NOON on 12th August 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Light variable airs; cloudy, some rain, perhaps thunder.	6 SCOTLAND WEST	Same as No. 0 to 2
1 SCOTLAND EAST	..... D ..... D ..... D	7 ENGLAND N.W.	Same as No. 0 to 2
2 ENGLAND N.E.	..... D ..... D ..... D	8 ENGLAND S.W	Variable airs; cloudy, some rain, thunder locally.
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	N. & SW. winds, light; cloudy, some rain.
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... D ..... D ..... D .....
5 ENGLAND SOUTH	E. & SE. winds, light; fine & warm at first, less settled later, probably thunder.	WARNINGS	None Issued

Predk Dangerfield, Lith. London, (13.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.24	64	51	2	0	c	3	Valencia							
Sumburgh Head								Scilly							
Stornoway								Dungeness							
Aberdeen								London							
Shields								Yarmouth							*
Ardrossan								Jersey							
Mullaghmore								Rochefort	29.93	81	72	NW	1	b	1
Holyhead															

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 3rd to the 9th August 1884.

During the past week fine weather has prevailed in almost all parts of the United Kingdom, and temperature over England has risen gradually to a higher level than any previously recorded this season. At the commencement of the period a depression which had been moving slowly along our extreme western coasts was passing away to the north of Scotland. As it did so the barometer rose generally & by Monday morning a large anticyclone had been formed over our western & southern districts & the west of France, giving us moderate westerly breezes in the north & variable airs in the south, but fine weather generally. In the course of the two following days the anticyclone moved slowly northeastwards, & finally settled down over Scandinavia where it remained until the close of the week. The winds in our islands now became Easterly in the southeast of England but Southeasterly or Southerly elsewhere, the only exception to this state of affairs being on Thursday & Friday when a second high pressure system was for a time located off our southwest coast. On these days a light Northwesterly breeze appeared in Ireland & the south west of England. Over the greater part of England a steady rise of temperature took place, the highest readings being recorded on Friday when the thermometer rose to 89° at Loughborough, Cambridge & in London, 88° at Oxford & 85° at York. At the close of the week thunderstorms were reported in many parts of the Kingdom, & temperature was inclined to fall a little, but the weather was still very warm

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The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Tues-day 12th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12)	Weather	Sea (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·17	48	N	2	b	30·26	+ ·16	49	45	— 5	N	4	c	*	55	45	—
Hernösand ...	30·17	54	NE	6	b	30·25	+ ·26	55	50	— 4	NE	4	c	*	63	48	—
Stockholm ...	29·92	58	NE	2	r	30·01	+ ·12	59	57	— 3	NNE	4	o	*	66	55	0·20
Wisby	29·89	62	WNW	4	bc	29·92	+ ·01	59	57	— 4	NE	8	r	*	68	59	—
Bodö	30·06	62	ENE	2	b	30·12	+ ·03	59	52	+ 2	ENE	4	b	2	66	54	—
Christiansund ...	30·03	59	NE	3	bc	30·04	+ ·05	59	55	— 4	E	1	f	1	61	52	—
‡Skudesnaes ...	30·02	62	WNW	4	c	30·08	+ ·09	63	61	— 1	E	2	c	2	70	63	—
Oxö (Xuasund) ...	30·00	64	NE	1	b	30·10	+ ·13	63	59	+ 3	NNE	6	b	2	65	59	—
Skagen (The Skaw)	29·97	60	NNW	2	b	30·08	+ ·11	63	59	0	ENE	4	bc	2	70	57	—
Fanö	30·05	60	NNW	1	b	30·06	+ ·06	62	61	— 2	NNW	1	c	*	68	55	—
Cuxhaven ...	30·09	69	NW	1	b	30·08	+ ·01	69	65	+ 2	ESE	1	b	*	68	61	—
‡Sumburgh Head	29·95	56	E	2	f	29·95	+ ·06	59	57	+ 1	E	3	f	3	59	54	0·10
‡Stornoway ...	29·93	57	ENE	3	o	29·96	— ·02	61	59	+ 5	Z	0	b	0	61	53	—
Wick	29·93	62	NW	1	f	29·91	+ ·02	57	57	— 1	E	1	f	0	70	54	—
Nairn	29·90	63	ESE	2	b	29·90	+ ·03	59	56	— 4	Z	0	f	1	73	57	—
‡Aberdeen	29·90	66	S	3	c	29·91	+ ·02	60	59	+ 2	Z	0	fw	0	71	56	0·01
Leith	29·88	65	NW	1	b	29·89	— ·01	58	57	— 1	E	1	f	*	69	54	0·01
‡Shields	29·89	61	ESE	1	o	29·88	— ·06	65	62	+ 2	SW	1	c	2	65	58	—
Spurn Head ...	29·88	65	SE	3	c	29·92	— ·01	62	62	— 1	ESE	6	rdlq	4	70	61	0·51
York	29·88	81	SW	1	bc	29·91	— ·02	66	64	— 2	SSE	1	b	*	87	62	—
Loughborough ..	29·88	85	SSW	2	b	29·91	— ·01	65	64	— 4	SE	2	ogm	*	89	62	—
‡Ardrossan ...	29·87	67	NW	1	b	29·86	— ·02	62	62	— 6	ENE	2	ong	1	71	59	—
‡Mullaghmore ...	29·87	63	NW	1	ov	29·88	— ·09	62	60	+ 5	WNW	1	om	1	64	59	—
Donaghadee ...	29·89	61	SE	1	c	29·89	— ·04	59	59	— 1	ENE	1	og	0	64	54	0·03
Parsonstown ...	29·86	71	Z	0	b	29·85	— ·05	61	59	+ 3	S	1	bc	*	73	53	—
Barrow-in-Furness	29·89	70	NW	2	b	29·84	— ·03	68	65	+ 2	NE	3	bc	3	77	64	—
‡Holyhead ...	29·91	62	Z	0	bc	29·89	— ·02	59	58	— 3	SSW	3	o	2	70	55	—
Liverpool (Bidston)	29·90	69	NW	1	b	29·85	— ·03	69	65	— 2	SSE	1	b	1	80	61	—
‡Valencia	29·88	64	SSE	3	c	29·84	— ·08	61	60	+ 5	SW	4	ovr	4	64	55	0·18
Roche's Point ..	29·90	64	SW	3	bc	29·89	— ·03	63	61	+ 4	SSW	2	m	3	68	65	—
Pembroke ...	29·88	62	NW	2	b	29·89	— ·01	60	60	— 3	SSW	1	f	0	64	56	0·02
‡Scilly	29·90	63	Z	0	o	29·93	+ ·01	65	63	+ 4	SSW	2	o	2	66	59	—
Prawle Point ...	29·92	63	WSW	2	m	29·95	+ ·04	61	61	— 9	WSW	2	o	3	79	60	—
Hurst Castle ...	29·93	68	SW	1	m	29·95	+ ·02	65	63	— 7	WSW	4	b	1	81	62	—
‡Dungeness ...	29·94	68	ESE	1	b	29·94	— ·01	67	64	— 5	Z	0	bc	1	74	63	—
‡London ...	29·91	85	SE	2	b	29·94	·00	70	67	— 5	W	2	c	*	92	62	0·03
Oxford	29·92	74	S	2	b	29·93	+ ·01	65	63	— 6	SSW	3	o	*	89	64	—
Cambridge ...	29·90	85	SW	1	b	29·92	— ·01	68	66	— 3	SW	1	o	*	91	63	—
‡Yarmouth ...	29·95	70	SSE	3	b	29·95	— ·01	68	65	+ 1	E	3	bc	3	72	64	—
The Helder ...	30·02	71	ESE	1	bc	30·02	·00	68	65	+ 3	NE	1	c	2	75	66	—
Cape Griz Nez...	?	75	E	1	b	?	?	72	69		SE	1	b	0	86	64	—
‡Jersey	29·93	73	W	1	bcm	29·99	+ ·07	65	63	— 1	WSW	2	pm	2	73	62	—
Brest	29·95	64	SSE	3	c	30·00	+ ·05	61	61	— 2	SW	3	c	3	81	61	—
Lorient	29·99	69	W	1	m	30·02	+ ·05	66	64	+ 2	W	4	bc	1	73	61	—
‡Rochefort ...	30·00	72	NW	4	m	30·05	— ·01	68	67	— 1	NW	5	m	2	81	63	—
Biarritz	29·91	78	W	4	c	30·07	+ ·10	72	69	0	NW	4	c	2	88	72	—
Corunna	*	*	*	*	*												
‡Brussels	*	*	*	*	*	29·97	— ·02	73	64	+ 1	SE	3	c	*	82	64	—
Charleville ...	? 30·01	76	N	1	bc	? 30·01	— ·02	67	62	+ 2	E	1	b	*	82	58	0·20
Paris	29·97	85	Z	0	bc	29·97	— ·04	68	68	+ 2	Z	0	b	*	*	*	—
Lyons	30·08	73	N	3	c	30·01		71	63		SE	1	b	*	90	63	—
Toulon	30·03	74	SW	1	bc	30·06	+	72	68	— 2	SW	1	m	1	88	68	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 3 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

‡ Received too late for insertion in charts.

Fred. Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Tuesday 12th August *1884.*

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

→ = forces above 10; → = forces 8 to 10;
→ = forces 5 to 7; → = forces 1 to 4;
⊙ = dead calm.

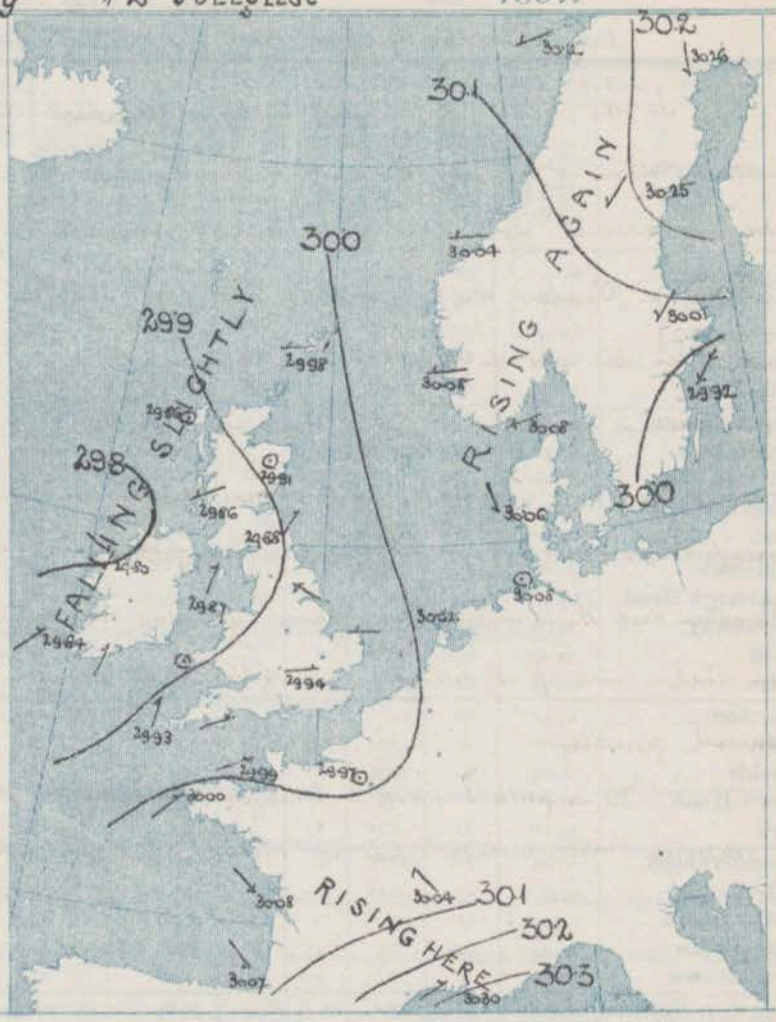
Sea Disturbance — *where considerable is shewn, thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·829
Aberdeen	29·835
Leith	29·852
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·906
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·919
Dover	29·945
LONDON	29·942
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

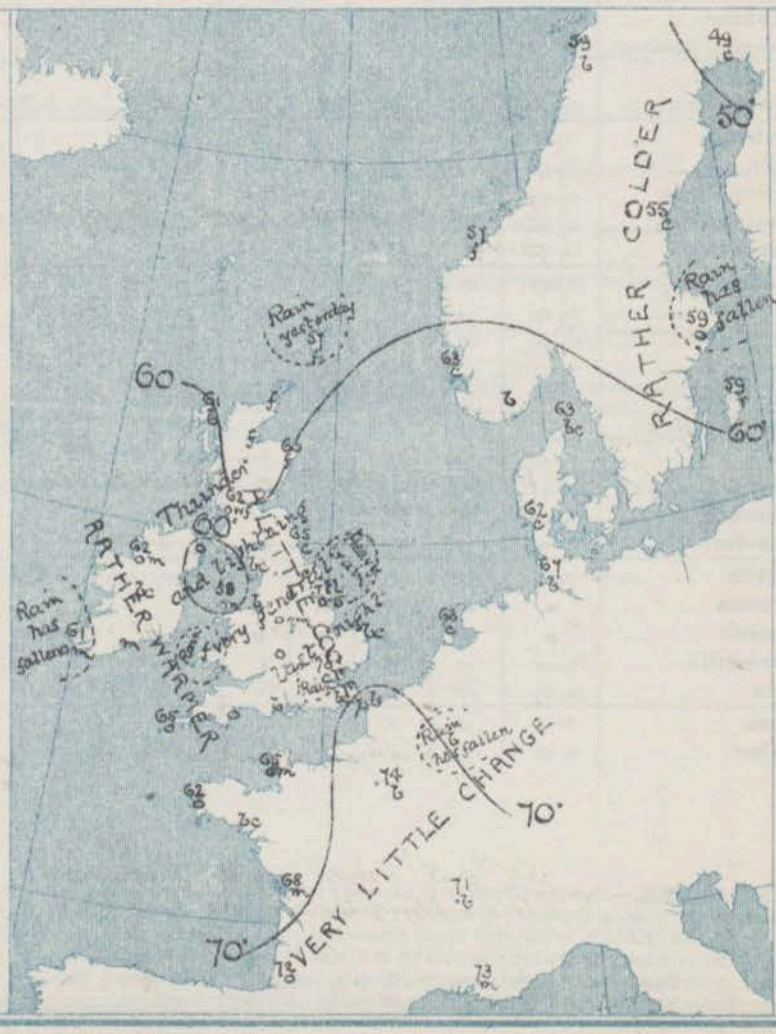
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54·1	52·4	3·49
Stornoway	55·8	53·9	3·62
Wick	55·6	52·6	2·43
Nairn	56·0	53·1	2·90
Aberdeen	56·8	53·8	3·33
Leith	58·1	55·2	2·62
Shields	53·0	55·3	2·74
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·9	2·83
Liverpool	59·2	56·1	2·65
Valencia	59·8	57·1	4·64
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	59·8	2·54
Dover	63·3	59·6	2·24
LONDON	61·9	58·5	2·45
Oxford	59·3	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·9	58·5	2·26

NOTE – *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*



REMARKS.

for Tuesday 12th August 1884, at 8 a.m.

In the course of the past 24 hours the barometer has again risen in Scandinavia, and two high pressure areas are now shown — one over the north of Sweden and the other in the south east of France. A shallow depression still lies over our extreme north-west coast, and the barometer is falling a little in most parts of the United Kingdom. The wind is NE½E in Sweden and E½N over the North Sea, but on our western and southern coasts it has shifted to the SW½W, while in the west of France it varies between W. and NW. The weather is foggy in Scotland, and misty at several of our western stations, but fair in most other localities. At Spurn Head, however, a thunderstorm is in progress. Thunderstorms occurred yesterday in many parts of Great Britain, but with the exception of Spurn Head, where 0·5in. fell the accompanying rainfall was not heavy. Temperature has fallen a few degrees over England, and readings range from 70° in London to 57° at Sumburgh Head, Wick and Nairn. During yesterday the thermometer rose to 89° at Loughborough and Oxford, 91° at Cambridge, 92° in London and 93° at Hillington, but at Yarmouth it did not exceed 72°, and at Shields it only rose to 65°. The sea is slight or smooth generally.

No important change is likely to take place in the distribution of pressure within the ensuing 24 hours, but shallow depressions will probably appear over various parts of our islands occasioning local thunderstorms.

FORECASTS

for the 24 hours ending at NOON on 13th August 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E½N and SE½N winds, light; foggy or misty.	6 SCOTLAND WEST	Same as No. 0 & 1.
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	Light variable airs; changeable, some rain & perhaps thunder.
2 ENGLAND N.E.	E½N winds, light or moderate; fair on the whole	8 ENGLAND S.W	SW½W winds, light; changeable, some showers.
3 ENGLAND EAST	..... D° ..... D° ..... D°	9 IRELAND NORTH	Same as No. 7
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	Same as No. 8
5 ENGLAND SOUTH	SW½W & SSW winds, light; changeable, local thunderstorms.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London. (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.99	69	63	WNW	4	b	2	Valencia	29.92	63	59	S	1	be	2
Sumburgh Head	29.94	56	56	E	3	f	4	Scilly	29.92	65	62	NNW	1	o	2
Stornoway	29.92	59	58	NE	2	cm	1	Dungeness	29.96	72	65	E	1	b	1
Aberdeen	29.90	69	65	S	3	b	1	London	29.92	89	71	SSW	3	bv	*
Shields	29.91	63	61	ESE	2	c	2	Yarmouth	29.96	71	66	SE	3	b	2
Ardrossan	29.88	69	64	WNW	1	o	0	Jersey	29.94	71	69	ESE	1	b	1
Mullaghmore	29.90	60	59	L	0	omp	0	Rochefort	30.05	76	71	NW	4	m	2
Holyhead	29.92	65	63	SSW	2	bcm	2								

REMARKS.

There has been no important change since the morning either in pressure winds or weather. The thermometer in London stands at 89° being 18° higher than Yarmouth, 26° higher than Shields, 130° higher than Stornoway. Sea is smooth sculping at Sumburgh Head.

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DAILY WEATHER REPORT

for Wednesday 13th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	LAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·23	45	Z	0	b	30·21	+ ·05	54	50	+ 5	E	2	b	*	57	39	—
Hernösand ...	30·26	57	Z	0	b	30·27	+ ·02	53	50	— 2	Z	0	b	*	66	46	—
Stockholm ...	30·18	51	NNW	1	b	30·27	+ ·26	51	50	— 8	Z	0	f	*	63	50	—
Wisby	30·04	57	NE	6	b	30·11	+ ·19	60	54	+ 1	E	4	be	*	68	54	—
Bodö	30·14	60	NNE	2	b	30·12	·00	59	55	0	ESE	2	b	1	65	50	—
Christiansund ...	30·10	60	Z	0	b	30·11	+ ·07	62	58	+ 5	Z	0	f	0	66	54	—
‡Skudesnaes ...	30·13	64	SSE	2	c	30·12	+ ·04	64	61	+ 1	ESE	6	b	4	70	?	—
Oxö (Udansund) ...	30·13	61	ENE	4	c	30·15	+ ·05	62	60	+ 1	ENE	6	r	3	66	59	0·04
Skagen (The Skaw)	30·14	62	E	4	o	30·18	+ ·19	63	59	0	ESE	3	c	3	66	61	—
Fanö	30·05	65	E	6	c	30·06	·00	67	64	+ 5	ESE	6	c	*	72	61	—
Cuxhaven ...	30·08	66	NE	2	c	30·06	— ·02	65	63	— 2	ESE	4	be	*	67	61	—
‡Sumburgh Head	29·95	58	SE	4	m	29·89	— ·09	58	58	+ 1	SE	5	o	5	61	55	—
‡Stornoway ...	29·83	65	NE	1	ot	29·76	— ·10	60	59	— 1	S	4	c	3	70	58	0·29
Wick	29·84	60	SE	2	be	29·79	— ·12	57	57	0	S	2	ctlrf	1	67	55	0·75
Nairn	29·84	62	Z	0	f	29·77	— ·13	63	61	+ 6	Z	0	o	1	63	? 57	0·55
‡Aberdeen	29·90	62	S	2	c	29·81	— ·10	60	59	0	SSW	1	m	1	67	56	0·01
Leith	29·89	61	NE	1	m	29·83	— ·06	61	60	+ 3	SE	1	cm	*	64	?	1·63
‡Shields	29·88	64	SE	5	c	29·89	+ ·01	64	61	— 1	SW	3	o	3	76	59	—
Spurn Head ...	29·90	72	SW	2	b	29·93	+ ·01	64	63	+ 2	SSW	1	be	3	73	60	—
York	29·89	73	S	1	b	29·93	+ ·02	66	62	0	S	1	c	*	83	62	—
Loughborough...	29·92	70	SW	3	o	29·96	+ ·05	65	62	0	SSW	3	og	*	75	59	—
‡Ardrossan ...	29·84	63	E	1	of	29·82	— ·04	62	61	0	Z	0	op	0	65	59	1·50
‡Mullaghmore ...	29·82	65	NW	1	c	29·78	— ·02	57	55	— 5	SSW	4	op	1	72	53	0·01
Donaghadee ...	29·85	59	SSW	1	c	29·84	— ·02	62	60	+ 3	SSE	1	c	0	65	56	—
Parsonstown ...	29·89	65	Z	0	be	29·90	+ ·05	59	56	— 2	W	1	b	*	74	54	0·16
Barrow-in-Furness	29·90	64	E	2	c	29·87	+ ·04	63	62	— 5	SSE	3	o	3	69	61	0·02
‡Holyhead ...	29·91	63	SSW	3	be	29·90	+ ·03	62	61	+ 3	SSW	4	c	3	65	57	0·11
Liverpool (Bidston)	29·91	65	N	1	o	29·91	+ ·06	65	59	— 4	SW	1	c	2	70	60	0·03
‡Valencia	29·85	61	SSW	4	bem	29·87	+ ·08	58	56	— 3	SW	4	cp	5	66	56	0·04
Roche's Point ..	29·90	65	SSW	3	be	29·92	+ ·05	60	57	— 3	W	2	be	3	69	54	0·15
Pembroke ...	29·93	63	S	3	o	29·93	+ ·04	60	59	0	WSW	3	pq	3	65	59	0·02
‡Scilly	29·95	66	WSW	3	c	29·96	+ ·03	61	59	— 4	W	1	c	4	71	57	0·01
Prawle Point ...	30·02	65	WSW	2	be	30·00	+ ·05	64	63	+ 3	SW	2	be	2	68	60	0·01
Hurst Castle ...	29·99	68	WSW	4	c	30·02	+ ·07	65	62	0	SW	5	c	2	72	62	0·02
‡Dungeness ...	29·98	63	SSW	5	b	30·03	+ ·09	67	64	0	SW	3	be	4	71	62	—
‡London... ...	29·94	72	SW	4	b	30·01	+ ·07	68	64	— 2	WSW	2	c	*	82	58	—
Oxford	29·98	65	SW	2	b	29·98	+ ·05	66	63	+ 1	S	4	og	*	76	62	—
Cambridge ...	29·96	77	SW	1	c	29·97	+ ·05	69	64	+ 1	SW	1	o	*	80	57	—
‡Yarmouth ...	29·93	70	SSW	3	be	29·96	+ ·01	68	64	0	W	2	b	2	71	61	1·85
The Holder ...																	
Cape Griz Nez...	?	65	W	1	b	?	?	64	62	— 8	SSW	3	o	2	73	61	—
‡Jersey	30·04	66	WNW	2	c	30·03	+ ·05	65	64	0	SW	3	og	3	71	60	—
Brest ...	?	73	NW	1	b	30·03	+ ·03	62	62	0	SE	3	o	4	81	61	—
Lorient	30·09	69	W	4	b	30·07	+ ·05	66	65	0	SW	4	c	1	75	61	—
‡Rochefort ...	30·12	71	NW	5	b	30·15	+ ·07	67	65	— 1	SE	3	m	2	77	57	—
Biarritz	30·12	73	N	4	b	30·08	+ ·01	68	66	— 4	SE	3	be	1	77	66	—
Coruña	*	*	*	*	*												
Brussels	*	*	*	*	*	30·04	+ ·07	63	61	— 10	SW	3	o	*	80	60	1·06
Charleville ..	No observations.					30·07	+ ·06	62	59	— 5	WNW	1	b	*	82	54	0·16
Paris	30·07	75	Z	0	be	30·11	+ ·14	68	64	— 6	Z	0	0	*	*	*	0·12
Lyons	29·95	77	N	1	o	30·08	+ ·04	69	65	— 2	NNW	1	b	*	91	66	—
Toulon																	

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m mist (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Frest Hangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Wednesday 13th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — where considerable is shown thus
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	inc
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 879
Aberdeen	29 · 835
Leith	29 · 882
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 837
Liverpool	29 · 898
Valencia	29 · 903
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 931
Burst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

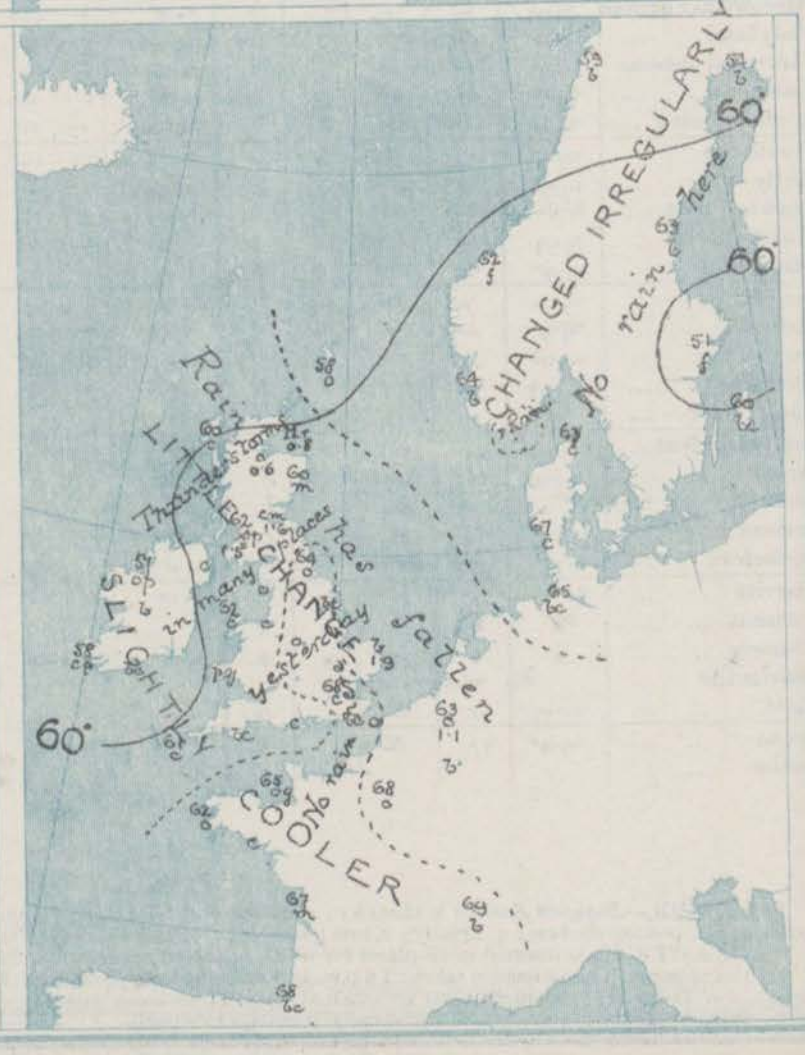
Temperature — Isotherms are drawn for each 10°. Changes since previous morning are stated in words.
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL

for the month of August

STATIONS	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	inc
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 9	3 · 53
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 2	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 80
Liverpool	59 · 2	58 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Burst Castle	61 · 7	59 · 8	2 · 59
Dover	62 · 3	59 · 6	2 · 29
LONDON	61 · 9	58 · 4	2 · 46
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 25
Yarmouth	61 · 9	58 · 5	2 · 26

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Wednesday 13th August 1884, at 8 a.m.

Areas of high pressure are still reported over Sweden & the south-east of France, while a large but shallow depression is lying off our north & north-west coasts. The barometer is rising a little at all but our northern stations where a slight fall is still in progress. Strong easterly breezes are blowing on the eastern shores of the North Sea, but in our islands the wind is moderate from the South-ward or South-west-ward, while in the south-west of France it is South-easterly. The weather is fair at most of our eastern, southern & the Continental stations, but cloudy & showery in the west & north, with a thunderstorm at Brest. During yesterday showers fell in the west & south, while severe thunderstorms occurred at many of the northern & eastern stations. At Androssan the accompanying rainfall amounted to 1·5 in., at Leith to 1·6 in., & at Yarmouth to 1·9 in. Temperature has not changed much, & readings now range from 69° at Cambridge to 57° at Brest & Mullaghmore. The highest maxima registered yesterday were 83° at York, 82° in London & 80° at Cambridge. The sea is rather rough at Lowestoft Ness & Valencia, moderate to smooth elsewhere.

There is at present no indication of any material alteration in the distribution of pressure, so that changeable thundery weather is likely to continue in most places.

FORECASTS

for the 24 hours ending at NOON on 14th August 1884.
(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. & SE. winds, moderate; changeable, some showers & perhaps thunder.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	S. & SW. winds, light; changeable, some showers, & thunder locally.	7 ENGLAND N.W.	Same as No. 0
2 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W	Same as No. 5
3 ENGLAND EAST	..... D° ..... D° ..... D°	9 IRELAND NORTH	S. & SW. winds, moderate or fresh; changeable, showery.
4 MIDLAND COUNTIES	..... D° ..... D° ..... D°	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	SW. winds, moderate; fair on the whole, but some showers and perhaps thunder.	WARNINGS	None Issued

Fredk Mungerfield Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnes	30.3	70	63	SSW	2	o	3
Sumburgh Head	29.95	59	59	E	4	m	4
Stornoway	29.82	69	65	NE	1	bc	0
Aberdeen	29.95	66	63	S	4	o	1
Shields	29.90	70	64	SE	5	bc	3
Ardrossan	29.84	64	63	ENE	2	o	1
Mullaghmore	29.87	70	64	SSW	1	c	1
Holyhead	29.92	64	61	SSW	5	bc	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29.88	65	61	SW	4	cm	4
Scilly	29.95	69	65	S	4	o	3
Dungeness	29.99	68	64	SSW	5	bc	5
London	29.95	75	67	WSW	2	bc	*
Yarmouth	29.95	67	65	SE	3	p	3
Jersey	30.02	70	65	W	3	b	3
Rochefort	30.13	76	70	NW	5	c	1

REMARKS.

The barometer is now rising a little generally, but no important change is shown in the winds or weather. A heavy thunderstorm, however, took place at Yarmouth this morning, and the weather there is still showery. Sea is rather rough in the Straits of Dover, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Thursday 14th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·18	60	W	2	b	30·14	− ·07	55	52	+ 1	S	2	b	*	61	36	—
Hernösand ...	30·21	58	Z	0	b	30·15	− ·09	51	50	− 2	Z	0	f	*	63	37	—
Stockholm ...	30·19	52	Z	0	b	30·17	− ·10	57	54	+ 6	Z	0	b	*	64	46	—
Wisby	30·11	55	E	4	b	30·09	− ·02	57	52	− 3	E	4	b	*	63	52	—
Bodö	30·08	62	Z	0	b	30·08	− ·09	55	55	− 4	Z	0	b	0	68	52	—
Christiansund ..	30·01	64	NE	1	o	29·97	− ·14	61	59	− 1	W	1	b	1	64	55	—
‡Skudesnaes ...	30·06	65	SE	6	c	29·99	− ·13	61	57	− 3	SE	6	r	4	68	?	—
Oxö (Xuansund) ...	30·12	64	E	4	o	30·00	− ·06	62	59	0	SE	6	bc	3	66	59	—
Skagen (The Skaw)	30·16	63	Z	0	b	30·09	− ·05	63	56	0	S	3	c	2	72	59	—
Fanö	30·06	62	SE	6	b	29·97	− ·09	61	58	− 6	SE	6	c	*	72	59	—
Cuxhaven ...	30·03	62	E	5	c	29·99	− ·07	61	60	− 4	SE	4	r	*	?	58	0·10
‡Sumburgh Head	29·79	57	SE	4	f	29·77	− ·12	53	50	− 5	Z	0	f	3	59	51	0·70
‡Stornoway ...	29·74	60	S	5	b	29·70	− ·06	57	55	− 3	S	5	c	4	62	54	0·14
Wick	29·78	59	NW	2	bc	29·78	− ·01	59	56	+ 2	SSW	2	b	1	66	52	0·40
Nairn	29·78	62	SW	1	bc	29·79	+ ·02	60	55	− 3	SW	2	b	1	70	52	0·01
‡Aberdeen	29·80	65	S	3	b	29·83	+ ·02	63	59	+ 3	S	1	b	1	70	49	—
Leith	29·82	69	SW	2	b	29·87	+ ·04	61	55	0	W	2	b	*	75	53	—
‡Shields	29·86	70	SW	1	cm	29·91	+ ·02	61	56	− 3	W	1	bm	2	75	52	—
Spurn Head ...	29·90	72	SSW	3	c	29·94	+ ·01	61	59	− 3	WNW	3	bm	2	74	58	0·02
York	29·89	72	WSW	2	c	29·93	·00	60	56	− 6	W	3	b	*	79	51	0·01
Loughborough...	29·91	72	SSW	3	o	29·97	+ ·01	61	59	− 4	W	3	bw	*	75	53	0·14
‡Ardrossan ...	29·82	62	S	3	b	29·88	+ ·06	55	56	− 4	SW	4	b	3	64	56	0·07
‡Mullaghmore ...	29·79	57	SW	5	c	29·89	+ ·09	58	54	+ 1	SW	5	bm	4	66	56	0·08
Donaghadee ...	29·83	61	SSW	1	c	29·90	+ ·06	57	55	− 5	SSW	1	bc	0	67	49	0·05
Parsonstown ...	29·86	63	SW	1	bc	29·97	+ ·07	56	53	− 3	SW	1	c	*	66	49	—
Barrow-in-Furness	29·90	63	S	3	bc	29·98	+ ·05	59	56	− 4	W	3	c	3	68	58	—
‡Holyhead ...	29·92	61	SSW	4	bc	29·97	+ ·07	59	56	− 3	SW	2	c	2	65	55	—
Liverpool (Bidston)	29·91	65	WNW	1	bc	29·95	+ ·04	61	57	− 4	WSW	2	bc	3	73	55	0·01
‡Valencia	29·90	60	SW	4	bcm	29·97	+ ·10	59	56	+ 1	SW	4	o	4	64	54	0·10
Roche's Point ..	29·94	61	SW	4	bc	29·99	+ ·07	60	57	0	WSW	2	c	3	66	55	—
Pembroke ...	29·95	63	WSW	3	bc	29·99	+ ·06	59	55	− 3	WNW	1	cf	1	63	57	0·02
‡Scilly	29·99	66	WSW	2	c	30·03	+ ·07	63	58	+ 2	WSW	2	c	5	66	57	0·06
Prawle Point ...	30·00	63	W	2	c	30·04	+ ·04	62	59	− 2	W	1	bc	1	66	55	—
Hurst Castle ...	29·99	64	SW	4	r	30·02	·00	61	60	− 4	NW	2	b	2	70	55	0·06
‡Dungeness ...	30·04	65	SSW	3	c	29·98	− ·05	62	59	− 5	WSW	3	o	2	71	61	0·26
‡London... ...	29·97	71	SW	4	o	29·99	− ·02	64	57	− 4	WNW	2	b	*	77	58	—
Oxford	29·96	65	S	3	c	30·00	+ ·02	60	57	− 6	SW	4	c	*	75	53	0·01
Cambridge ...	29·95	68	SW	1	o	29·97	·00	64	58	− 5	NW	1	b	*	80	59	0·03
‡Yarmouth ...	29·94	71	SSW	3	bc	29·94	− ·02	61	60	− 7	NNW	1	or	2	75	60	0·10
The Helder ...	29·99	67	WSW	1	b	29·92	− ·07	67	64	− 1	SSW	1	c	1	72	61	—
Cape Griz Nez...	?	68	SW	1	c	?	?	62	62	− 2	W	1	r	1	73	61	0·16
‡Jersey	30·01	63	W	1	fr	30·04	·00	62	60	− 3	NW	2	bc	2	68	57	0·26
Brest	30·04	60	WSW	1	o	30·08	+ ·05	60	59	− 2	W	1	o	4	68	59	0·04
Lorient	30·05	64	NW	1	r	30·08	+ ·01	60	58	− 6	NNW	4	c	2	73	55	0·75
‡Rochefort ...	30·04	73	NW	4	b	30·10	− ·05	67	66	0	NW	5	o	2	81	61	—
Biarritz	29·92	84	E	3	b	? 30·07	− ·01	72	69	+ 4	W	3	c	2	84	68	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29·97	− ·07	65	63	+ 2	SW	4	r	*	73	64	0·04
Charleville ...	? 30·04	71	NNW	2	bc	? 29·99	− ·08	64	60	+ 2	ENE	1	o	*	72	61	—
Paris	30·08	73	Z	0	bc	29·99	− ·12	68	64	0	Z	0	o	*	*	*	0·04
Lyons	30·01	79	NNE	1	bc	30·01	− ·07	68	63	− 1	S	1	o	*	83	61	—
Toulon	30·09	77	W	1	m	30·16	+ ·02	76	68	+ 2	Z	0	m	2	91	72	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Dangerfield Lith London.

WEATHER CHARTS

for 8 a.m. on Thursday 14th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	ins
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·829
Aberdeen	29·835
Leith	29·852
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·949
Dover	29·945
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

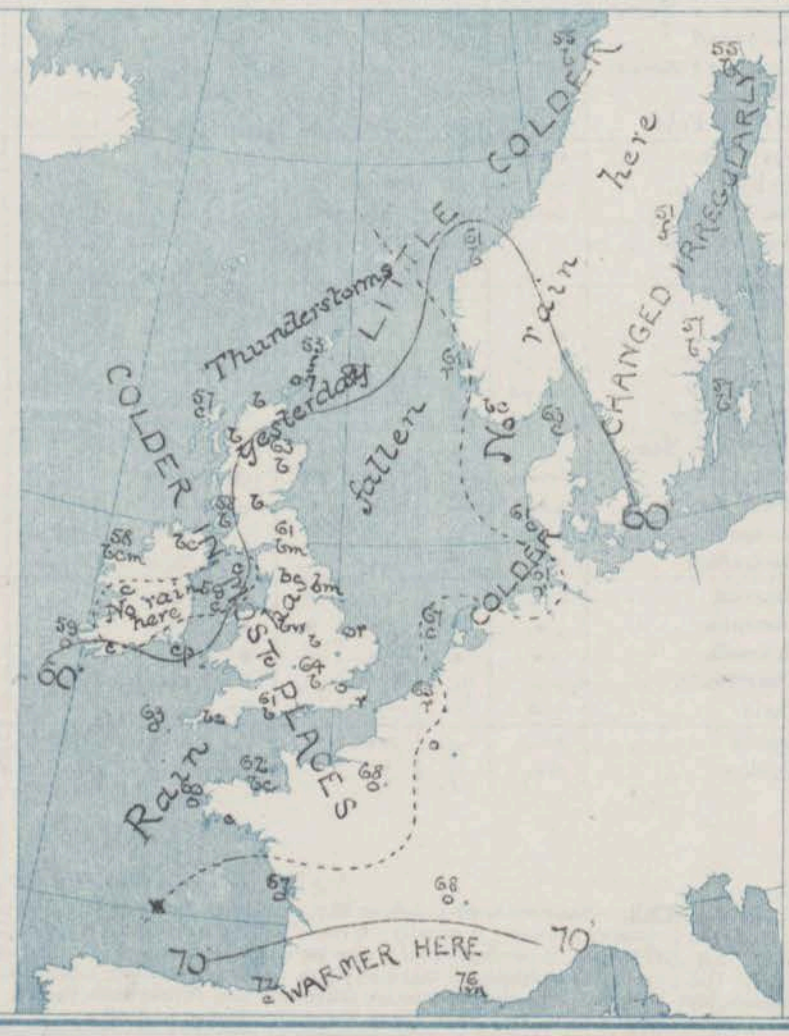
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54·1	52·4	3·43
Stornoway	55·8	53·9	3·62
Wick	55·6	53·6	2·43
Nairn	56·0	53·1	2·99
Aberdeen	56·8	53·8	3·33
Leith	58·1	55·2	2·67
Shields	58·0	55·3	2·74
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·9	2·93
Liverpool	59·2	56·1	2·65
Valencia	59·8	57·1	4·69
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	59·8	2·54
Dover	63·3	59·6	2·24
LONDON	61·9	58·5	2·45
Oxford	59·8	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·4	58·5	2·26

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Thursday 14th August 1884, at 8 a.m.

Very little change is reported in the general distribution of pressure. Areas of high readings are lying over London & the south of France, while a shallow depression is found off the north-west of Scotland, and a still shallower disturbance over the southern part of the North Sea. The barometer is at present rising a little in our islands & the west of France, but falling elsewhere.

The wind is fresh or strong from the South-east-ward on the eastern shores of the North Sea, & moderate from SW. or S. on our western & northern coasts, but in France & the south-east of England it is chiefly Northerly. The weather is fair at most stations but rain is falling at Shetlandes, Cuckaow, Yarmouth & Cape Gris Nez. In the course of the past 24 hours rain has fallen in many parts of the country, & thunderstorms have occurred in the north of Scotland. Temperature has fallen a little in most places, & readings now range from 64 in London & at Cambridge to 53° in the Shetlands. The highest maxima registered yesterday were 80° at Cambridge, 79° at York, 78° at Loughborough & 77° in London.

The sea is rather rough at Scilly, moderate to smooth elsewhere.

The depression over the southern part of the North Sea appears to be increasing in depth, & the rain which is at present falling in its neighbourhood seems likely to become rather more general.

FORECASTS

for the 24 hours ending at NOON on 15th August 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. winds, moderate or fresh; changeable, some rain.	6 SCOTLAND WEST	Same as No. 1
1 SCOTLAND EAST	S. or SW. winds, moderate; fair generally.	7 ENGLAND N.W.	Same as No. 1
2 ENGLAND N.E.	Same as No. 5	8 ENGLAND S.W	W. & SW. winds, moderate; changeable, some showers.
3 ENGLAND EAST	NW. winds, light or moderate; unsettled, rain at times.	9 IRELAND NORTH	SW. winds, moderate or fresh; fair to unsettled & some rain
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... do ..... do ..... do .....
5 ENGLAND SOUTH	W. & NW. winds, light; fine to unsettled & some rain	WARNINGS	None Issued

Fredk Dangerfield, Lith. London. (3).

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.98	68	62	SE	6	o	4	Valencia	29.90	63	58	SW	4	cm	5
Sumburgh Head	29.81	59	57	SE	5	r	6	Scilly	29.99	65	60	WSW	1	c	4
Stornoway	29.75	58	56	SSE	5	cp	4	Dungeness	30.03	70	64	SSW	3	b	4
Aberdeen	29.81	69	64	S	3	b	1	London	29.98	75	65	S	4	c	*
Shields	29.86	74	64	S	2	cm	2	Yarmouth	29.96	70	66	SSE	4	bc	2
Ardrossan	29.83	61	59	S	2	b	1	Jersey	30.02	67	65	SSE	1	o	1
Mullaghmore	29.78	63	57	WSW	5	cr	3	Rochefort	30.13	73	68	NW	4	o	2
Holyhead	29.92	63	60	SSW	4	b	3								

REMARKS.

Scarcely any change has occurred since the morning. S$^{3/4}$ or SW$^{3/4}$ winds continue in most places, with fair weather at many stations, but showers at Stornoway. Sea is rather rough at Valencia, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 15th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·07	49	Z	0	b	30·02	− ·12	57	56	+ 2	SE	2	b	*	59	39	—
Hernösand ...	30·12	? 61	Z	0	b	30·12	− ·05	55	53	+ 4	Z	0	o	*	66	39	—
Stockholm ...	30·10	54	W	2	b	30·15	− ·02	58	55	+ 1	WSW	2	b	*	66	48	—
Wisby	30·05	54	SE	4	b	30·09	·00	58	54	+ 1	SSE	2	b	*	64	48	—
Bodö	29·96	57	WNW	3	b	29·95	− ·08	62	55	+ 7	E	2	b	1	63	52	—
Christiansund ...	29·95	57	W	2	f	29·97	·00	60	57	− 1	ENE	2	o	1	66	54	—
‡Skudesnaes ...	29·98	59	SE	6	o	29·99	·00	63	59	+ 2	ESE	4	o	4	?	59	0·28
Oxö (Xuansund) ...	30·00	63	ESE	6	r	30·04	− ·05	59	56	− 3	ESE	6	r	4	64	57	0·24
Skagen (The Skaw)	30·02	63	SSE	4	c	30·06	− ·03	61	60	− 2	SE	4	o	3	70	59	—
Fanö	29·93	62	SE	6	o	29·97	·00	61	61	0	SSE	4	r	*	64	59	0·35
Cuxhaven ...	29·95	62	S	1	o	29·95	− ·04	63	62	+ 2	SSE	1	o	*	63	57	0·78
‡Sumburgh Head	29·83	58	SW	1	b	29·95	+ ·18	57	56	+ 4	S	3	c	3	61	48	—
‡Stornoway ...	29·82	58	SSW	5	o	29·89	+ ·19	57	55	0	S	4	c	4	61	53	0·08
Wick	29·85	62	W	1	bc	29·96	+ ·18	58	56	− 1	SW	3	o	1	67	49	—
Nairn	29·90	62	SW	3	c	29·96	+ ·17	59	54	− 1	SW	1	c	0	68	52	—
‡Aberdeen	29·91	68	WSW	1	b	30·00	+ ·17	55	53	− 8	Z	0	c	0	71	46	—
Leith	30·02	58	W	2	c	30·02	+ ·15	58	55	− 3	NW	1	c	*	69	49	—
‡Shields	29·95	67	WNW	4	bc	30·06	+ ·15	58	53	− 3	SW	1	m	2	70	52	—
Spurn Head ...	29·71	63	SE	1	c	30·09	+ ·15	60	58	− 1	W	3	bm	2	67	55	—
York	29·98	61	W	1	b	30·10	+ ·17	57	54	− 3	W	1	b	*	70	46	—
Loughborough ...	29·98	67	W	3	c	30·13	+ ·16	57	54	− 4	WNW	1	bmm	*	72	46	—
‡Ardrossan ...	29·95	60	SSW	2	o	30·01	+ ·13	60	58	+ 2	S	2	o	2	61	57	—
‡Mullaghmore ...	29·93	60	WSW	4	o	29·97	·00	55	56	0	S	5	or	4	64	56	0·18
Donaghadee ...	29·97	61	S	2	bc	30·02	+ ·12	59	57	+ 2	SW	3	c	1	65	51	—
Parsonstown ...	29·99	61	WSW	1	c	29·99	+ ·02	59	57	+ 3	SSE	1	o	*	64	54	—
Barrow-in-Furness	30·08	61	SW	3	bc	30·06	+ ·13	58	57	− 1	S	4	o	4	64	54	—
‡Holyhead ...	30·04	59	SSW	3	c	30·07	+ ·10	61	59	+ 2	SSW	4	am	3	63	56	—
Liverpool (Bidston)	30·01	61	NW	1	bc	30·05	+ ·13	61	56	0	SSE	2	bc	2	65	52	—
‡Valencia	30·08	61	SSW	4	am	29·90	− ·07	61	60	+ 2	SSE	7	rm	6	64	55	0·26
Roche's Point ..	30·04	59	WSW	4	c	30·04	+ ·05	62	60	+ 2	SSW	4	c	4	65	57	—
Pembroke ...	30·03	62	WSW	2	bc	30·09	+ ·10	62	60	+ 5	SSW	2	c	2	64	57	—
‡Scilly	30·09	61	WSW	3	c	30·11	+ ·08	63	60	0	SSW	4	c	4	67	57	—
Prawle Point ...	30·09	62	W	2	c	30·16	+ ·12	62	59	0	E	1	bc	0	62	52	—
Hurst Castle ...	30·05	65	WSW	4	bc	30·16	+ ·14	61	58	0	WNW	1	b	1	70	53	—
‡Dungeness ...	30·01	65	SW	4	c	30·13	+ ·15	61	56	− 1	W	1	b	2	70	53	—
‡London... ...	30·02	70	WNW	3	bc	30·14	+ ·15	62	57	− 2	WNW	1	bm	*	73	52	—
Oxford	30·05	61	WSW	2	b	30·15	+ ·15	60	57	0	Z	0	b	*	71	51	—
Cambridge ...	30·02	68	SW	1	o	30·13	+ ·16	61	55	− 3	W	1	b	*	74	53	—
‡Yarmouth ...	29·97	66	SE	1	b	30·09	+ ·15	62	57	+ 1	NNW	1	b	1	67	60	—
‡The Helder ...	29·95	64	NW	3	c	30·06	+ ·14	64	59	− 3	NNW	3	bc	3	70	63	—
Cape Griz Nez...	?	64	W	5	b	?	?	60	58	− 2	W	3	b	2	72	59	—
‡Jersey	30·09	63	WNW	3	bc	30·17	+ ·13	62	59	0	WNW	1	bc	1	66	56	—
Brest	30·13	65	W	3	b	30·17	+ ·09	60	58	0	SE	3	b	3	65	55	—
Lorient	30·15	65	NW	4	b	30·18	+ ·10	?	55	?	ENE	?	?	1	70	54	—
‡Rochefort ...	30·13	68	NW	5	b	30·17	+ ·07	63	59	− 4	ENE	4	bc	2	77	54	—
Biarritz	30·11	78	N	4	b	30·11	+ ·04	66	64	− 6	E	3	c	2	79	64	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·23	+ ·16	60	58	− 5	SW	1	c	*	69	56	0·04
Charleville ...	? 29·99	67	WNW	1	a	? 30·13	+ ·14	57	54	− 7	NW	1	b	*	75	51	0·08
Paris	30·07	66	Z	0	o	30·19	+ ·20	62	59	− 6	Z	0	b	*	*	*	—
Lyons	29·99	77	S	1	bc	30·12	+ ·11	64	61	− 4	N	1	c	*	86	61	—
Toulon	30·13	77	WNW	4	m	30·13	− ·03	71	62	− 5	WNW	4	b	2	90	64	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky: c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 3 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

† Received too late for insertion in charts.

Fredk Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Friday 15th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS
	29
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 832
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 863
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

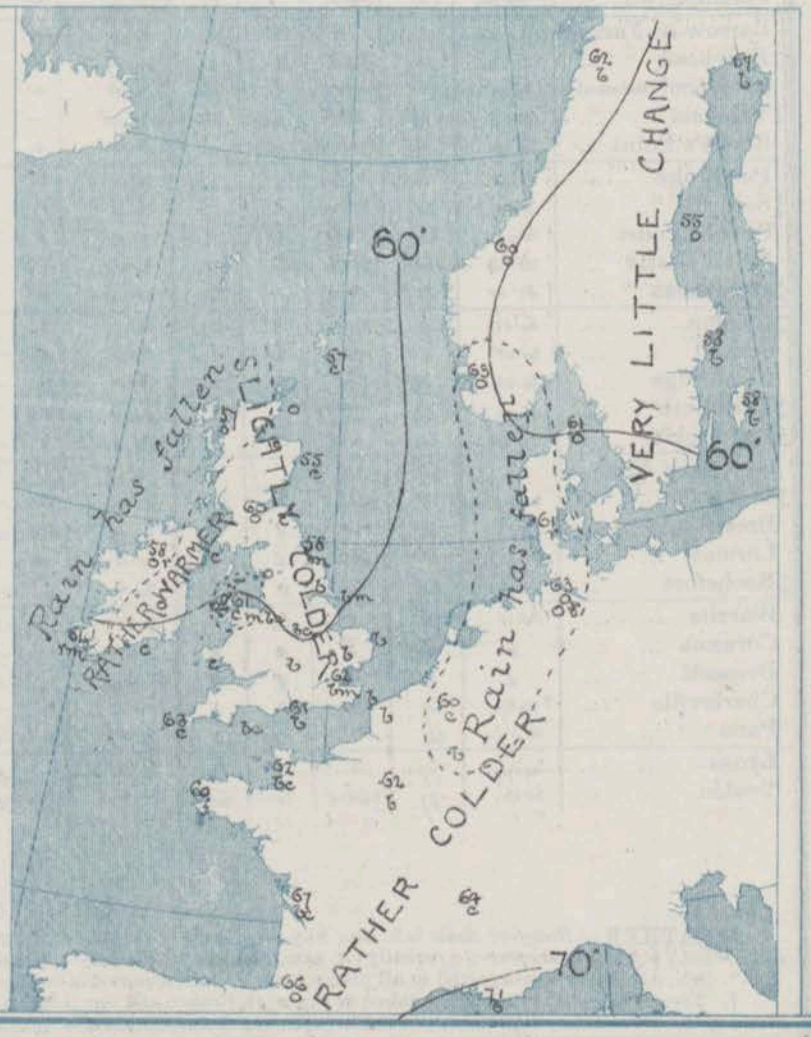
Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	56 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 29
Aberdeen	56 · 6	53 · 9	3 · 53
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 93
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 64
Dover	62 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Friday 15th August 1884, at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise in most parts of Great Britain, and the area of high pressure which formerly lay over France has extended northwards over our southern & midland counties.

A second high pressure system is still found over Sweden, but in the extreme west of our islands a decided fall of the barometer, which has set in during the night, appears to indicate the approach of a depression from the Atlantic. The wind remains South-easterly on the eastern shores of the North Sea, but in the east & south of our islands it is light from the westward, while in Ireland it is freshening from the Southward. The weather is unsettled & rainy in Denmark & the south of Norway as well as on our extreme western coasts, but elsewhere it is generally fair. Temperature has fallen a little in most parts of Great Britain, & readings now range from 63° at Scilly to 55° at Aberdeen. The highest maxima registered yesterday were 74° at Cambridge, 73° in London and 72° at Loughborough. The sea is rough at Valencia, but moderate to smooth elsewhere.

The depression which is advancing towards our western coasts will probably move Northwards, so that the weather over our Eastern & South-eastern districts is not likely to be affected

FORECASTS

for the 24 hours ending at NOON on 16th August 1884.
(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S'ly winds, moderate to strong; cloudy, unsettled, some rain	6 SCOTLAND WEST	Same as No 0
1 SCOTLAND EAST	Wind backing to the S'ward & freshening; fair generally.	7 ENGLAND N.W.	S'ly & SW'ly winds, freshening; fair to unsettled & showery
2 ENGLAND N.E.	------ D° ------ D° ------ D° ------	8 ENGLAND S.W	------ D° ------ D° ------ D° ------
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	S'ly winds, strong; unsettled, rain at times.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	------ D° ------ D° ------ D° ------
5 ENGLAND SOUTH	W'ly to SW'ly winds, moderate; fine, warm.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, 131.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes							
Sumburgh Head	29.87	59	57	SW	3	b	3
Stornoway	29.79	59	56	SSW	5	r	4
Aberdeen	29.85	67	60	SW	1	bc	1
Shields	29.93	69	58	W	4	bc	2
Ardrossan	29.92	61	58	SSW	2	c	2
Mullaghmore	29.92	61	56	WSW	5	ov	3
Holyhead	30.01	62	57	SSW	3	bc	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	30.00	63	59	SW	3	ov	4
Scilly	30.07	64	59	WSW	2	c	5
Dungeness	30.00	68	62	SSW	4	c	5
London	30.00	70	59	WNW	3	c	*
Yarmouth	29.96	66	62	NNE	3	b	2
Jersey	30.08	65	61	WNW	3	c	3
Rochefort	30.15	72	69	NW	5	bc	2

REMARKS.

The barometer is rising a little generally, and moderate or fresh SW^ly breezes still prevail on our western and northern coasts, while light NW^ly breezes are reported in the south east of England. Weather is dull in the extreme east and north west, fine elsewhere. Sea is rather rough at Scilly and Dungeness, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday 16th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·02	54	Z	0	b	30·07	·00	59	58	+ 2	Z	0	b	*	64	3,	—
Hernösand ...	30·12	52	Z	0	b	30·10	— ·03	55	54	0	Z	0	b	*	64	41	—
Stockholm ...	30·16	50	WSW	2	b	30·19	+ ·04	61	58	+ 3	Z	0	b	*	66	50	—
Wisby	30·09	55	NNE	4	bc	30·14	+ ·05	59	56	+ 1	WNW	4	b	*	63	48	—
Bodö	30·03	55	WSW	4	o	30·14	+ ·09	56	55	— 6	Z	0	o	o	70	54	—
Christiansund ...	30·06	60	WNW	1	o	30·01	+ ·04	61	58	+ 1	ESE	2	c	1	64	54	—
‡Skudesnaes ...	30·10	59	SSW	2	r	? 30·16	+ ·17	61	58	— 2	SSE	6	o	4	60	51	—
Oxö (Udansund) ...	30·08	51	NE	6	r	30·13	+ ·09	59	57	0	N	22	o	2	59	57	0·63
Skagen (The Skaw)	30·11	60	SSW	3	r	30·13	+ ·07	60	59	— 1	SSW	4	c	3	64	57	0·20
Fanö														*			
Cuxhaven ...	29·96	63	ESE	2	r	30·18	+ ·28	65	63	+ 2	NNW	2	b	*	65	59	0·34
‡Sumburgh Head	29·98	58	S	2	bc	29·89	— ·13	56	56	— 1	S	3	o	3	62	252	0·11
‡Stornoway ...	29·85	56	SSE	4	r	29·74	— ·15	58	56	+ 1	S	5	oq	4	60	55	0·45
Wick	29·93	58	S	2	o	29·83	— ·18	62	58	+ 4	SW	3	b	2	64	55	0·12
Nairn	29·91	62	SW	1	d	29·85	— ·11	60	58	+ 1	SW	1	o	1	65	58	0·10
‡Aberdeen	30·00	60	S	2	o g	29·92	— ·08	61	59	+ 6	S	2	o	1	66	54	0·03
Leith	29·99	64	W	2	c	29·96	— ·06	65	60	+ 7	W	3	c	*	69	57	0·07
‡Shields	30·06	66	WSW	4	o	30·08	+ ·02	63	59	+ 5	SW	3	c	2	70	54	—
Spurn Head ...	30·10	64	SE	3	bc	30·11	+ ·02	65	62	+ 5	WSW	1	bcm	2	68	58	—
York	30·05	70	SW	1	c	30·11	+ ·01	61	58	+ 4	S	1	o	*	75	53	0·08
Loughborough...	30·11	70	WSW	2	c	30·13	·00	59	57	+ 2	ESE	2	cmw	*	72	51	—
‡Ardrossan ...	29·95	59	S	4	r	29·96	— ·05	60	60	0	S	4	o	3	63	58	0·61
‡Mullaghmore ...	29·82	61	SSW	7	rg	29·92	+ ·05	58	57	0	W	2	cmw	2	63	57	0·56
Donaghadee ...	29·96	59	SSW	4	p	29·98	— ·04	60	59	+ 1	W	4	o	2	64	58	0·25
Parsonstown ...	29·93	64	SSE	3	o	29·97	— ·02	62	60	+ 3	SSE	1	oq	*	65	58	—
Barrow-in-Furness	30·07	64	SSW	3	o	30·05	— ·01	63	60	+ 5	SSE	4	bc	4	67	58	—
‡Holyhead ...	30·06	62	SSW	4	bc	30·06	— ·01	61	59	0	SSW	4	c	3	65	58	—
Liverpool (Bidston)	30·07	67	WSW	2	c	30·08	·00	61	57	0	SSE	2	bc	3	72	55	—
‡Valencia	29·92	68	SSW	7	o	29·94	+ ·04	61	60	0	S	5	rm	5	64	60	0·68
Roche's Point ..	30·04	63	SSW	4	c	30·02	— ·02	62	60	0	S	3	o	3	65	59	—
Pembroke ...	30·09	62	SSW	3	c	30·07	— ·02	62	60	0	SSE	4	c	2	65	60	—
‡Scilly	30·10	65	S	4	c	30·06	— ·05	65	60	+ 2	SSE	3	b	4	70	58	—
Prawle Point ...	30·16	61	SSW	1	b	30·12	— ·04	63	60	+ 1	ENE	1	b	1	66	56	—
Hurst Castle ...	30·16	65	WSW	3	b	30·15	— ·01	62	60	+ 1	ENE	1	m	1	70	55	—
‡Dungeness ...	30·15	65	WSW	4	b	30·16	+ ·03	65	60	+ 4	Z	0	b	0	69	52	—
‡London... ...	30·13	72	WSW	3	b	30·17	+ ·03	66	60	+ 4	SW	2	b	*	77	52	—
Oxford	30·14	65	W	1	b	30·15	·00	61	59	+ 1	Z	0	bm	*	74	51	—
Cambridge ...	30·12	70	SW	1	b	30·15	+ ·02	64	60	+ 3	SW	1	b	*	77	50	—
‡Yarmouth ...	30·13	65	ESE	2	b	30·14	+ ·05	66	63	+ 4	S	2	b	2	68	60	—
The Holder ...	30·15	63	NW	1	b	30·18	+ ·12	62	60	— 4	SSE	1	b	1	66	54	—
Cape Griz Nez...	?	64	SW	3	b	?	?	64	62	+ 4	Z	0	b	0	70	57	—
‡Jersey	30·15	64	NE	1	b	30·11	— ·06	65	61	+ 3	ESE	2	b	2	68	57	—
Brest	30·14	69	Z	0	o	30·08	— ·09	59	58	— 1	SE	3	b	2	70	55	—
Lorient	30·15	70	WNW	1	b	30·08	— ·10	63	59	?	ESE	4	b	2	75	54	—
‡Rochefort ...	30·13	74	ENE	4	b	30·11	— ·06	62	58	— 1	SE	4	bc	3	79	56	—
Biarritz	30·02	73	NE	5	b	30·04	— ·10	70	69	+ 4	S	1	bc	2	81	64	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·19	+ ·06	63	56	+ 3	ENE	1	b	*	73	55	—
Charleville ...	?30·17	66	NE	4	b	? 30·19	+ ·06	66	53	— 1	NE	1	b	*	77	51	—
Paris	30·17	73	Z	0	c	30·18	— ·01	63	59	+ 1	Z	0	b	*	*	*	—
Lyons	30·09	70	NE	3	b	30·11	— ·01	60	55	+ 4	N	3	b	*	76	56	—
Toulon	30·11	77	WNW	5	m	30·13	·00	79	70	+ 8	SW	1	bc	2	84	70	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fredk Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Saturday 16th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

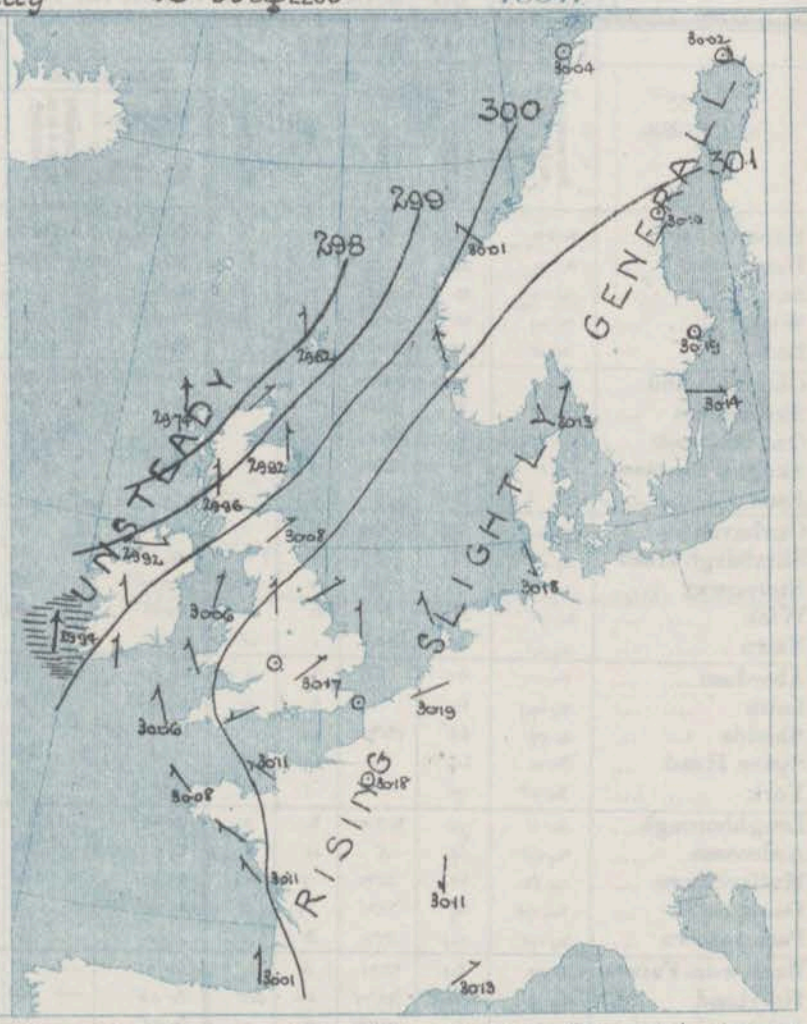
= forces above 10, = forces 8 to 10.
= forces 5 to 7, = forces 1 to 4.
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough, = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 862
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 853
Liverpool	29 · 838
Valencia	29 · 908
Roche's Point	29 · 906
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 940
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

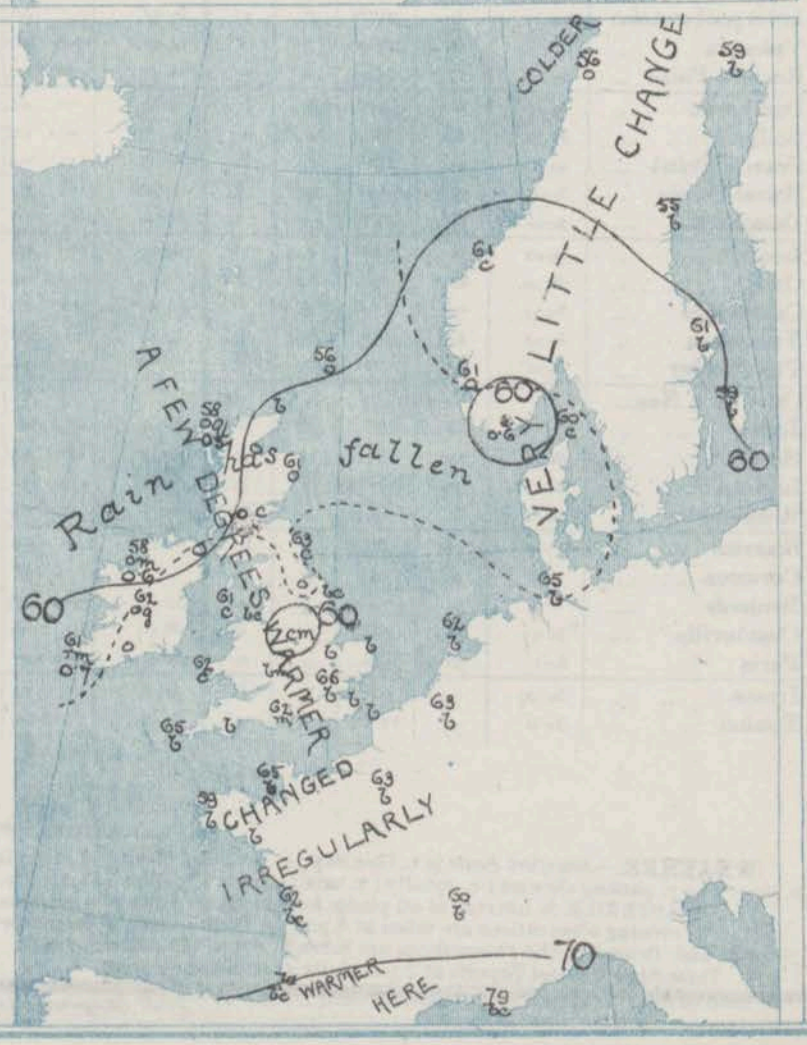
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	55 · 8	3 · 23
Leith	58 · 1	55 · 7	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 87
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	58 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 58
Dover	62 · 5	59 · 6	2 · 24
LONDON	61 · 9	58 · 6	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 6	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Saturday 16th August 1884 at 8 a.m.

The depression which was approaching our west coasts yesterday has travelled northwards & now lies to the north-westward of Scotland. In the meantime the high pressure systems recently noticed over Sweden & France have united & form one large area which covers Denmark, the Netherlands, France, the south of Sweden & the southeast of our islands. The barometer is at present falling a little at our northern stations & also in the west of France, but rising elsewhere. The wind is moderate from SE. in the Bay of Biscay, & from S. or SW. on our western & northern coasts, but to the eastward of the British islands it is light & variable. The weather is dull in most parts of Ireland & Scotland, but fine elsewhere. In the course of the past 24 hours rain has fallen at several of the Irish & Scotch stations. Temperature has risen a little in most places, & readings now range from 66° in London & at Yarmouth to 56° in the Shetlands. The highest maxima registered yesterday were 77° in London & at Cambridge, 75° at York & 74° at Oxford. The sea is rather rough at Valencia, moderate to smooth elsewhere.

No important change in the weather is likely to take place within the ensuing 24 hours.

FORECASTS

for the 24 hours ending at NOON on 17th August 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. winds, moderate or fresh; cloudy, some rain.	6 SCOTLAND WEST	Same as No. 0
1 SCOTLAND EAST	S. and SW. winds, moderate; fair generally.	7 ENGLAND N.W.	S. and SE. winds, moderate; fair generally.
2 ENGLAND N.E.	..... D. ..... D. ..... D.	8 ENGLAND S.W	..... D. ..... D. ..... D. .....
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	SW. and S. winds, moderate or fresh; cloudy, some rain.
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... D. ..... D. ..... D. .....
5 ENGLAND SOUTH	S. and SE. winds, light; fine, warm.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·05	61	58	SSW	4	r	4	Valencia	29·93	63	61	SSW	8	og	7
Sumburgh Head	29·98	59	56	S	2	c	3	Scilly	30·12	70	63	SSW	5	bc	5
Stornoway	29·90	59	54	S	5	o	4	Dungeness	30·14	65	61	WSW	4	b	5
Aberdeen	30·00	62	57	S	3	o	0	London	30·13	74	61	SW	3	b	*
Shields	30·05	70	60	WSW	1	cm	2	Yarmouth	30·13	66	60	ENE	2	b	1
Ardrossan	29·99	63	60	S	3	o	2	Jersey	30·17	66	61	WNW	1	b	1
Mullaghmore	29·93	62	61	SSW	6	or	5	Rochefort	30·18	75	68	NW	5	b	2
Holyhead	30·07	64	60	SSW	5	cq	3								

REMARKS.

The depression which was approaching our western coast this morning is moving northwards and the barometer is rising again at Valencia, where the wind has veered to SSW. The weather remains dull in Ireland & Scotland, but is fine in England. The sea is rough off the west of Ireland and rather so in the Channel.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Sunday 17th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.99	52	S	2	f	29.94	— .08	52	52	— 7	L	1	f	*	? 61	43	—
Hernösand ...	30.03	59	L	0	b	30.00	— .10	62	53	+ 7	L	0	b	*	72	42	—
Stockholm ...	30.14	58	SW	2	b	30.11	— .08	63	55	+ 2	SW	2	b	*	70	50	—
Wisby	30.12	57	SW	4	b	30.13	— .01	62	58	+ 3	W	4	bc	*	61	50	—
Bodö	30.00	57	NNE	2	b	29.96	— .08	56	55	0	L	0	0	1	63	52	—
Christiansund ...	29.95	59	ENE	2	o	29.92	— .09	63	57	+ 2	ESE	1	o	1	63	55	0.08
‡Skudesnaes ...	30.09	63	SSE	4	o	30.06	— .10	63	60	+ 2	SSE	4	o	5	63	61	—
Oxö (Christiansund) ...	30.21	62	WSW	2	o	30.15	+ .02	59	57	0	NNW	2	o	2	62	57	—
Skagen (The Skaw)	30.17	62	WSW	1	c	30.15	+ .02	62	60	+ 2	L	0	c	0	68	57	—
Fanö	30.18	60	NW	1	bc	30.13	— .02	64	61	— 1	SSE	1	bc	6	62	54	—
Cuxhaven ...	30.19	64	NNW	2	b	30.17	— .01	58	55	+ 2	SE	1	mw	*	66	58	—
‡Sumburgh Head	29.94	57	S	3	c	29.94	+ .12	55	54	— 1	WSW	3	r	3	62	53	0.06
‡Stornoway ...	29.89	59	W	4	c	29.90	+ .16	56	55	— 2	SSE	1	mr	0	62	51	—
Wick	29.88	63	SW	3	o	29.91	+ .08	57	56	— 5	L	0	f	0	71	54	0.23
Nairn	29.90	63	SW	1	c	29.90	+ .05	58	56	— 2	L	0	0	1	75	56	0.23
‡Aberdeen	29.99	65	SSW	1	o	29.97	.00	59	58	— 2	SSW	1	cf	1	71	55	0.05
Leith	29.96	65	SW	2	o	29.92	— .04	62	58	— 3	SW	1	c	*	69	60	—
‡Shields	30.02	61	L	0	o	29.98	— .10	65	61	+ 2	SW	2	c	2	—	56	0.04
Spurn Head ...	30.03	65	SE	3	b	30.02	— .09	62	60	— 3	NNW	1	b.c.	2	68	59	—
York	30.03	71	SSW	1	c	30.01	— .10	55	60	+ 4	W	1	b	*	76	53	—
Loughborough...	30.04	73	SW	2	b	30.02	— .11	62	59	+ 2	SSW	1	mw	*	77	51	—
‡Ardrossan ...	29.91	61	S	2	op	29.91	— .05	59	57	— 1	WSW	3	c	2	61	55	0.18
‡Mullaghmore ...	29.89	59	E	1	rm	29.89	— .08	59	58	+ 1	S	1	c	1	60	51	0.89
Donaghadee ...	29.94	61	WSW	4	c	29.94	— .04	61	60	+ 1	W	1	c	0	67	53	—
Parsonstown ...	29.98	64	SSW	1	r	29.96	— .01	61	59	— 1	ESE	1	bc	*	68	57	0.36
Barrow-in-Furness	30.02	62	NE	2	c	29.97	— .07	62	59	— 1	ESE	4	bc	3	67	57	—
‡Holyhead ...	29.96	63	SSW	2	o	29.98	— .08	63	61	+ 2	E	3	bc	3	67	58	—
Liverpool (Bidston)	30.02	69	NNW	1	c	29.99	— .09	66	59	+ 5	SSE	1	b	1	72	58	—
‡Valencia	29.92	61	SSW	3	cm	29.92	— .02	61	60	0	S	2	cm	2	63	57	0.60
Roche's Point ..	30.00	63	S	3	c	29.96	— .06	62	61	0	SSW	2	r	3	67	58	—
Pembroke ...	30.01	64	SSW	2	b	29.98	— .09	63	62	+ 1	SE	2	c	2	66	59	—
‡Scilly	30.06	65	S	2	bc	29.97	— .09	67	64	+ 2	S	2	bc	3	70	61	—
Prawle Point ...	30.05	64	ENE	2	bc	29.99	— .13	67	64	+ 3	L	0	b	0	67	54	—
Hurst Castle ...	30.07	67	SSW	3	b	29.99	— .14	69	64	+ 7	SSE	1	b	1	72	58	—
‡Dungeness ...	30.10	67	SE	1	b	30.03	— .13	68	63	+ 3	ESE	1	b	0	70	61	—
‡London... ...	30.07	73	SW	1	b	30.03	— .14	71	64	+ 5	SSW	2	bc	*	80	65	—
Oxford	30.05	67	SSW	1	b	30.02	— .13	61	59	0	L	0	bc	*	[illegible]	50	—
Cambridge ...	30.05	75	SE	1	b	30.02	— .14	66	61	+ 3	S	1	b	*	80	51	—
‡Yarmouth ...	30.09	68	SSE	4	b	30.03	— .11	67	65	+ 1	S	2	b	2	70	61	—
The Helder ...	30.15	66	ENE	1	b	30.08	— .10	68	64	+ 3	ESE	1	b	1	72	61	—
Cape Griz Nez...																	
‡Jersey	30.03	71	ENE	1	b	30.00	— .11	62	59	0	W	1	b	1	74	59	—
Brest	30.04	63	N	3	b	30.02	— .06	60	55	+ 1	ESE	3	b	2	73	55	—
Lorient	30.06	71	W	1	b	30.04	— .04	61	59	— 2	ENE	3	b	1	75	57	—
‡Rochefort ...	30.08	73	NW	5	b	30.07	— .04	67	63	+ 5	L	0	c	0	88	57	—
Biarritz	30.07	73	W	4	bc	30.07	+ .06	71	7[illegible]	+ 1	W	3	c	2	81	60	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.07	— .12	67	62	+ 4	SSE	1	b	*	76	59	—
Charleville ...	?30.21	70	E	4	b	?30.09	— .10	59	56	+ 3	NE	1	b	*	82	56	—
Paris	30.06	73	L	0	b	30.08	— .10	67	63	+ 4	L	0	b	*	*	*	—
Lyons	30.00	75	NNE	1	b	30.08	— .03	62	59	+ 2	N	1	b	*	[illegible]	55	—
Toulon	30.14	78	SW	1	c	30.7	+ .04	75	68	— 4	L	0	bc	0	8[illegible]	70	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Sunday 17th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows shew the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

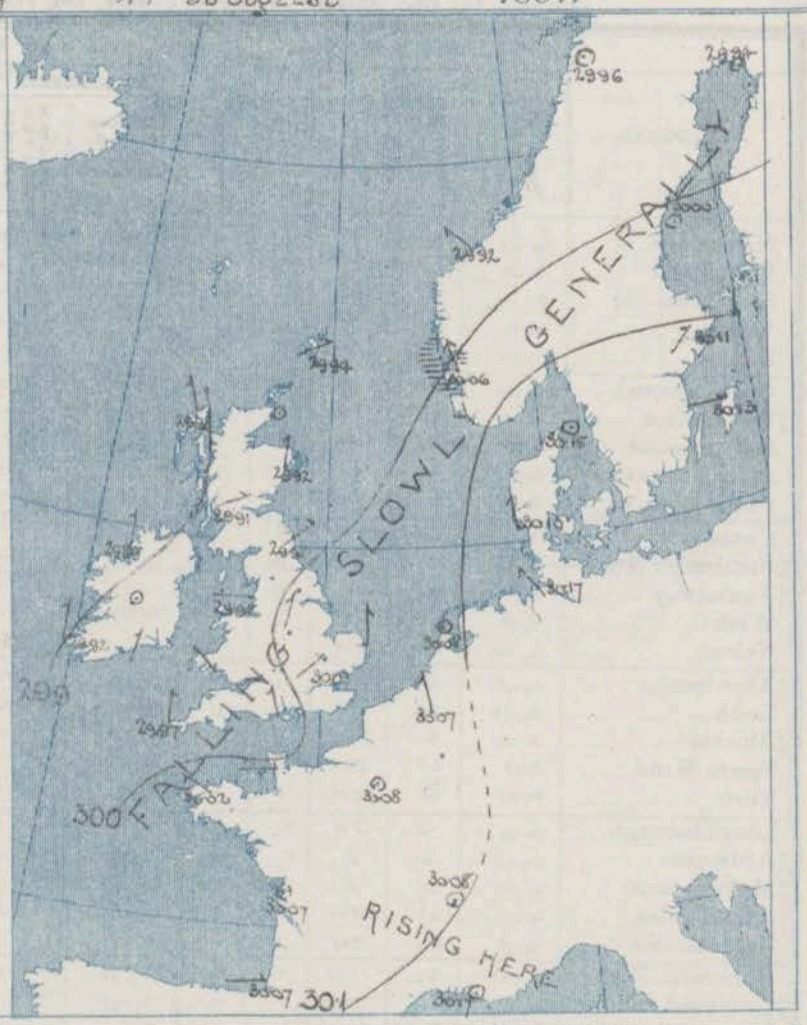
⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7; ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — where considerable is shewn thus
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August
During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS
	Ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 862
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 931
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 922
Yarmouth	29 · 928



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	Ins.
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	52 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 93
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	58 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	62 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 6	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Sunday 17th August. 1884, at 8 a.m.

Barometric pressure is now highest over Germany and lowest to the westward and northward of our islands – the gradient being slight. Over the western half of the Channel there is a very shallow (Hundestorm) depression. The winds are very light in force, and variable in direction. Temperature is rising – the present reading being as high as 71° in London, while those in the north of Scotland vary from 55° to 59°. Maxima of 80° were recorded in London and at Cambridge yesterday, but these were the highest reported at any of the stations in the United Kingdom. A little rain has fallen in the west and north, and the weather there is still cloudy and somewhat showery. Over England the weather is very fine. The sea is smooth.

FORECASTS

for the 24 hours ending at NOON on 18th August. 1884.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Fredk Bangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnees								Valencia	29.93	62	61	SSE	5	rmg	5
Sumburgh Head	29.88	59	58	S	4	c	4	Scilly	30.04	70	63	S	3	bc	5
Stornoway	29.85	61	58	W	5	o	4	Dungeness	30.18	70	62	Z	0	b	0
Aberdeen	29.93	67	62	S	3	bc	2	London	30.09	76	64	SSE	3	b	*
Shields	30.03	70	61	SW	2	c	2	Yarmouth	30.12	69	64	SSE	3	b	2
Ardrossan	29.94	61	60	S	2	r	2	Jersey	30.07	73	60	Z	0	b	0
Mullaghmore	29.92	58	57	ENE	1	rm	1	Rochefort	30.10	81	70	NW	4	b	2
Holyhead	29.96	65	61	SSW	4	bc	3								

REMARKS.

The barometer is rising a little in Scotland, but falling elsewhere – most in the east and south east of England. The winds are very little changed and fine or fair weather is reported at all stations excepting Mullaghmore and Valencia where rain is falling. The sea is rather rough off our south east coast, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 18th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.89	59	Z	0	c	29.93	— .01	59	55	+ 7	N	4	c	*	64	45	—
Hernösand ...	29.95	59	Z	0	b	29.94	— .06	62	59	0	SSW	2	c	*	77	46	—
Stockholm ...	30.01	62	NW	2	b	29.98	— .12	65	55	+ 2	WNW	2	c	*	70	55	—
Wisby	30.03	60	NSW	4	b	30.01	— .12	63	60	+ 1	W	4	b	*	70	55	—
Bodö	29.97	58	Z	0	r	29.94	— .02	58	57	+ 2	ESE	2	o	1	61	54	0.04
Christiansund ...	29.92	59	SE	1	o	29.92	.00	59	58	— 4	Z	0	f	0	64	54	0.24
‡Skudesnaes ...	30.00	62	SSE	8	o	29.99	— .07	62	59	— 1	SSE	6	o	3	64	?	—
Oxö (Xtiansund) ...	30.04	62	ESE	2	o	30.03	— .12	55	53	— 4	NNW	2	m	2	66	54	—
Skagen (The Skaw)	30.06	64	Z	0	c	30.02	— .13	63	61	+ 1	Z	0	b	0	72	57	—
Fanö	30.04	60	Z	0	b	30.01	— .12	66	59	+ 2	SE	3	b	*	73	55	—
Cuxhaven ...	30.11	60	SSE	1	b	30.05	— .12	63	59	— 5	NE	2	b	*	?	56	—
‡Sumburgh Head	29.91	58	NW	1	c	29.84	— .10	58	57	+ 3	W	2	c	2	61	48	—
‡Stornoway ...																	
Wick	29.90	55	SE	1	f	29.88	— .03	60	59	+ 3	S	1	f	0	63	54	—
Nairn	29.89	62	ENE	2	bw	29.89	— .03	63	59	+ 5	Z	0	b	0	65	56	—
‡Aberdeen	29.91	64	S	2	b	29.89	— .03	66	61	+ 7	S	1	b	0	71	53	—
Leith	29.91	65	SE	1	c	29.90	— .02	65	59	+ 3	Z	0	b	*	73	50	—
‡Shields	29.94	63	Z	0	c	29.92	— .06	59	58	— 6	Z	0	o	1	73	55	—
Spurn Head ...	29.94	65	SSE	3	b	29.90	— .12	65	64	+ 3	SE	3	b	2	70	61	—
York	29.95	74	W	1	b	29.91	— .10	64	61	— 1	E	1	c	*	79	57	—
Loughborough...	29.91	76	Z	0	o	29.91	— .11	62	59	0	Z	0	brm	*	83	58	—
‡Ardrossan ...	29.90	65	SW	1	b	29.89	— .02	62	60	+ 3	ESE	1	c	1	66	57	—
‡Mullaghmore ...	29.88	61	Z	0	b	29.83	— .06	58	57	— 1	NSW	1	orm	1	62	58	0.07
Donaghadee ...	29.91	62	SW	3	b.	29.89	— .05	59	59	— 2	W	2	c	0	67	57	—
Parsonstown ...	29.89	65	Z	0	o	29.87	— .09	62	60	+ 1	S	1	o	*	69	56	0.03
Barrow-in-Furness	? 29.93	69	NW	1	b	29.98	— .08	63	61	+ 1	WNW	3	bc	2	70	59	—
‡Holyhead ...	29.95	65	SSW	2	b	29.92	— .06	64	62	+ 1	SSW	2	b	2	69	57	—
Liverpool (Bidston)	29.93	67	N	1	b	29.91	— .08	63	60	— 3	WNW	2	bc	3	75	59	—
‡Valencia	29.86	63	SSE	3	c	29.88	— .04	59	57	— 2	SSW	3	c	3	65	52	0.06
Roche's Point ..	29.95	64	SSW	2	c	29.93	— .03	60	57	— 2	W	3	c	3	71	58	0.01
Pembroke ...	29.95	64	SSW	2	b	29.91	— .07	62	61	— 1	NSW	1	cr	1	66	59	0.01
‡Scilly	29.94	67	S	3	c	29.95	— .02	64	58	— 3	NSW	3	bc	4	71	58	—
Prawle Point ...	29.97	64	NSW	2	bc	29.96	— .03	63	63	— 4	Z	0	bc	0	70	57	0.06
Hurst Castle ...	29.96	65	SW	4	c	29.95	— .04	65	62	— 4	W	3	b	1	74	55	—
‡Dungeness ...	29.96	69	E	3	c	29.94	— .09	65	63	— 3	WSW	3	bc	3	75	62	0.07
‡London... ...	29.95	78	S	3	bc	29.96	— .07	65	60	— 6	NSW	2	bc	*	84	54	—
Oxford	29.93	68	S	3	b	29.93	— .09	63	60	+ 2	SW	2	bw	*	80	60	—
Cambridge ...	29.93	76	Z	0	b	29.92	— .09	63	60	— 3	SW	1	b	*	82	54	—
‡Yarmouth ...	29.97	68	SSE	2	b	29.98	— .10	66	64	— 1	ESE	2	bc	2	71	62	—
The Helder ...	29.99	71	ESE	1	c	29.93	— .15	69	67	+ 1	ENE	1	bc	1	75	66	—
Cape Griz Nez...	30.00	73	E	3	b	?	?	64	61	?	Z	0	r	0	79	61	—
‡Jersey	29.97	68	NNE	*	b	29.99	— .01	64	62	— 1	WNW	1	cg	0	70	58	—
Brest	29.99	67	NSW	1	o	30.00	— .02	61	60	+ 1	Z	0	o	2	72	55	—
Lorient	30.01	68	WNW	4	b	30.01	— .03	62	60	+ 2	E	1	bc	1	75	57	—
‡Rochefort ...	30.02	70	NW	7	o	30.08	+ .01	67	66	0	NW	5	b	2	77	63	—
Biarritz	30.03	71	NW	4	c	30.05	— .02	69	67	— 2	ESE	3	c	1	75	68	—
Coruana	*	*	*	*	*												
Brussels	*	*	*	*	*	29.95	— .12	67	61	0	NSW	1	o	*	87	60	—
Charleville ...	29.94	76	NE	*	b	? 29.96	— .13	60	58	+ 1	ENE	4	c	*	85	54	—
Paris	29.93	72	Z	0	b	29.96	— .12	65	62	— 2	NE	4	r	*	*	*	0.13
Lyons	29.98	80	E	1	b	30.02	— .04	64	59	+ 2	ESE	1	o	*	84	60	0.04
Toulon	30.17	75	W	1	m	30.21	+ .04	70	66	— 5	E	3	m	2	86	64	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fredk Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Monday 18th August 1884.

BAROMETER, WIND & SEA.

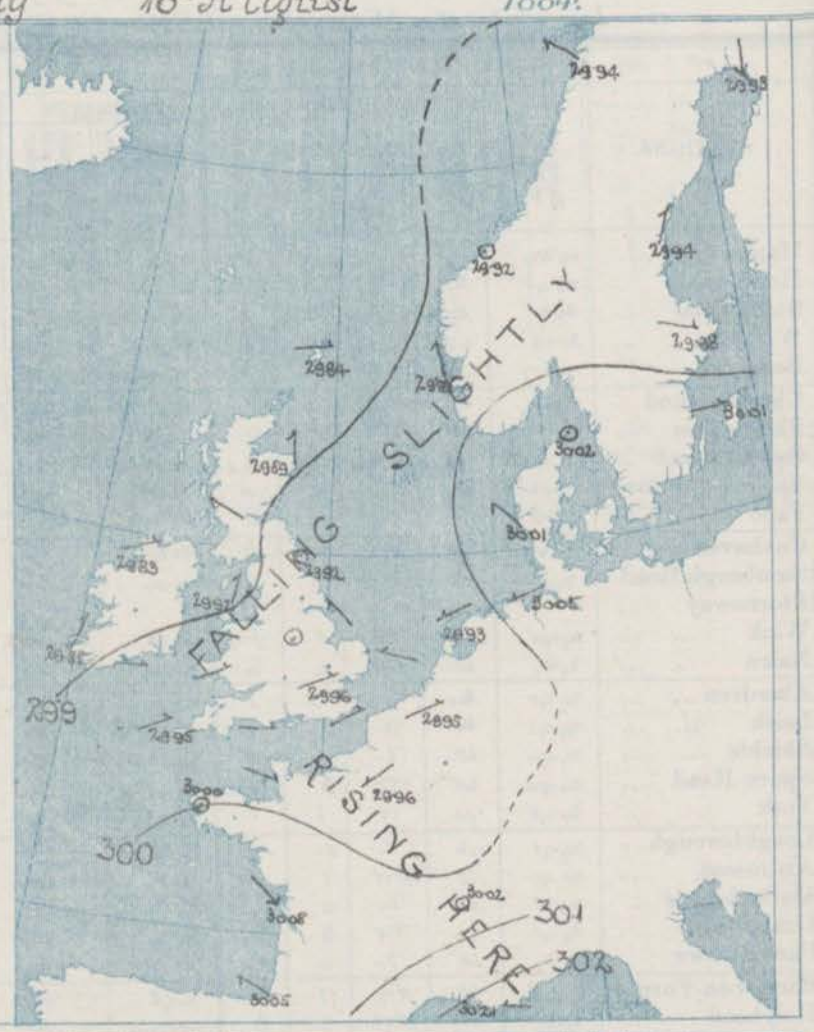
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailed winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

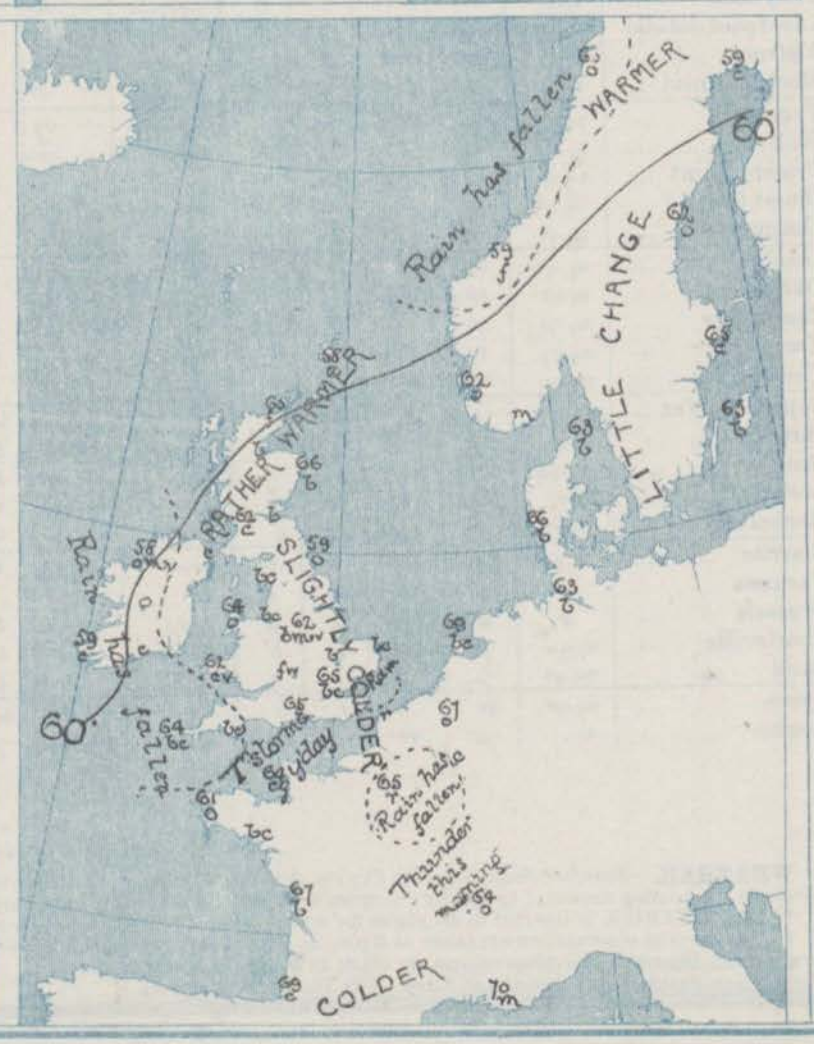
STATIONS.	MEAN READINGS
	ins
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 832
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 853
Liverpool	29 · 898
Valencia	29 · 908
Roch's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*



MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 52
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 8	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 83
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	62 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Monday 18th August 1884, at 8 a.m.

Barometric pressure is somewhat irregularly distributed over our islands & their neighbourhood, the readings being highest over the Bay of Biscay & Scandinavia & lowest off our northwestern coasts, while an area of low pressure extends south-east-wards over Belgium & the north-east of France. The barometer is falling slowly at most places - more particularly in the southeast. The winds are variable in direction, & light in force. At our southern stations they are chiefly westerly, while in the north & east they are Southerly to South-easterly. In the north-east of France, however, there is a light breeze from the Eastward, while at Rochefort the wind is North-westerly. Temperature has increased in Scotland, but fallen generally over England. The maximum readings recorded yesterday were as high as 84° in London, 83° at Loughborough, 82° at Cambridge & 80° at Oxford.

In Scotland the minima varied from 65° to 73°. A little rain has fallen at some western stations & thunder & lightning have occurred at Jersey & Lyon. The sky is now cloudy in many places, clear in others; rain is falling in the north-east of France and at Mullaghmore, & thick fog prevails at Wick. The appearance of the sky in London is unsettled. The sea is very smooth, except at a few W. stations.

The thundery weather over France appears to be spreading northwards towards our southern & south-eastern counties.

FORECASTS

for the 24 hours ending at NOON on 19th August 1884.
(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Light and variable S.W. (S.E. to S.W.) breezes; fine, warm.	6 SCOTLAND WEST	Same as No. 0 to 2
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	Same as No. 0 to 2
2 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W	W. breezes, light; fair on the whole.
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	S.W. and S. breezes; light; cloudy, some rain at times.
4 MIDLAND COUNTIES	Same as No. 0 to 2	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	Varying breezes; weather becoming less settled, perhaps thundery and wet.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London. (73)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes							Valencia							
Sumburgh Head							Scilly							
Stornoway							Dungeness							
Aberdeen							London							*
Shields							Yarmouth							
Ardrossan							Jersey							
Mullaghmore							Rochefort	30·06	76	69	NW	5	c	2
Holyhead														

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 10th to 16th August 1884.

The weather during this week has been distinguished for great heat over England, & frequent thunderstorms in many parts of the Kingdom (especially in the north). Fog has been very prevalent in Scotland & haze in many other parts of the country. The week commenced with pressure high over the Continent & relatively low over the Atlantic, but the gradients were slight & somewhat irregular. The winds were consequently light, chiefly Southerly in direction, but Easterly in the Channel & over our southern counties, & temperature was high.

On Monday the thermometer rose to between 90° & 94° over the inland parts of England – the highest values reached this year, but after this cloudiness increased & the thermometer fell decidedly. The thunderstorms experienced were in some cases exceptionally severe, notably that which passed over Scotland on Tuesday. The rainfall which accompanied them was in several instances very heavy, but often local, the most south-easterly parts of England having almost entirely escaped, while at some of the more northern stations the fall was excessive. At the close of the week an improvement was observed, & the thermometer was again rising over England.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Tuesday 19th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·01	51	N	2	b	30·11	+ ·18	55	49	− 4	NE	4	l	*	58	50	—
Hernösand ...	30·00	55	Z	0	b	30·00	+ ·12	59	56	− 3	Z	0	b	*	59	51	—
Stockholm ...	29·95	62	SSW	2	c	29·97	− ·01	58	57	− 7	NNE	2	f	*	73	?	—
Wisby	29·99	62	SSW	4	r	29·94	− ·07	63	61	0	SW	4	c	*	68	51	0·12
Bodö	29·99	59	N	2	b	30·00	+ ·06	52	51	0	ESE	2	c	1	64	54	—
Christiansund ...	29·98	59	Z	0	b	29·91	− ·01	62	57	+ 3	ESE	3	m	1	62	54	—
‡Skudesnaes ...	29·97	61	Z	0	m	29·90	− ·09	63	60	+ 1	E	2	c	3	66	61	—
Oxö (Xuansund) ...	29·96	65	SSW	1	m	29·94	− ·09	59	57	+ 4	NNE	2	m	2	72	?	—
Skagen (The Skaw)	29·97	64	Z	0	b	29·94	− ·08	65	63	+ 2	Z	0	b	0	73	59	—
Fanö	29·93	63	ESE	3	b	29·87	− ·12	63	60	− 3	E	3	b	*	75	59	—
Cuxhaven ...	29·95	64	E	1	b	29·91	− ·14	66	63	+ 3	S	1	m	*	?	59	—
‡Sumburgh Head	29·94	58	SSE	3	f	29·71	− ·13	59	57	− 1	SSE	4	m	4	65	54	—
‡Stornoway ...	29·72	62	SSW	3	c	29·56	− ·26	60	56	+ 4	S	4	c	3	63	55	0·01
Wick	29·78	65	S	3	bc	29·64	− ·24	58	56	− 2	S	5	bc	3	69	56	—
Nairn	29·74	62	Z	0	bc	29·63	− ·24	60	57	− 3	SSW	1	c	1	70	58	—
‡Aberdeen	29·83	63	SSE	1	b	29·71	− ·18	60	56	− 6	S	3	bc	1	71	56	—
Leith	29·78	62	NE	1	c	29·70	− ·20	61	56	− 4	SW	1	c	*	69	53	—
‡Shields	29·81	64	SE	3	c	29·75	− ·14	59	56	0	S	2	c	2	66	54	—
Spurn Head ...	29·83	67	SSE	3	b	29·84	− ·06	62	60	− 3	WSW	3	b	1	68	55	—
York	29·83	71	W	1	c	29·82	− ·09	59	55	− 5	SSW	1	c	*	80	54	—
Loughborough...	29·85	73	SW	4	l	29·86	− ·05	59	56	− 3	SE	2	c	*	78	52	—
‡Ardrossan ...	29·79	64	S	3	c	29·69	− ·22	60	60	− 2	SSW	4	o	3	70	58	0·06
‡Mullaghmore ...	29·70	64	SSW	4	cw	29·72	− ·11	56	54	− 2	W	5	cp	5	66	54	0·11
Donaghadee ...	29·78	60	SW	3	bc	29·71	− ·18	59	55	− 2	NW	2	c	0	67	54	0·02
Parsonstown ...	29·76	63	SW	2	b	29·79	− ·08	56	53	− 6	Z	0	bc	*	68	51	—
Barrow-in-Furness	29·85	66	N	2	bc	29·75	− ·15	58	56	− 5	SE	6	o	4	69	56	—
‡Holyhead ...	29·86	61	SSW	4	c	29·77	− ·15	58	55	− 6	W	5	c	4	68	57	—
Liverpool (Bidston)	29·85	66	WNW	1	bc	29·78	− ·13	59	55	− 4	SE	2	o	3	74	52	0·01
‡Valencia	29·68	61	S	7	o	29·62	− ·06	58	56	− 1	SW	3	c	3	63	54	0·38
Roche's Point ..	29·81	64	SSW	4	c	29·84	− ·09	60	59	0	WSW	3	r	3	69	52	0·15
Pembroke ...	29·88	62	WSW	4	bc	29·83	− ·08	59	55	− 3	W	5	cp	4	66	55	0·13
‡Scilly	29·92	64	SW	5	c	29·90	− ·05	62	57	− 2	WNW	4	c	4	65	58	0·17
Prawle Point ...	29·93	62	WSW	3	b	29·89	− ·07	58	58	− 5	WSW	3	r	4	65	58	0·10
Hurst Castle ...	29·93	66	W	4	bc	29·91	− ·04	64	60	− 1	SW	5	bc	2	71	59	—
‡Dungeness ...	29·91	65	SW	4	b	29·94	·00	63	58	− 2	WSW	1	c	2	71	56	—
‡London... ...	29·88	74	SW	3	l	29·93	− ·03	67	61	+ 2	SW	3	bc	*	81	53	—
Oxford	29·90	66	SW	1	bc	29·89	− ·04	60	58	− 3	SW	4	bc	*	77	54	—
Cambridge ...	29·85	74	SW	1	b	29·89	− ·03	63	57	0	SW	1	b	*	88	52	—
‡Yarmouth ...	29·89	67	SE	3	b	29·87	− ·06	63	58	− 3	WNW	2	b	1	68	57	—
The Helder ...	29·87	69	NW	1	b	29·84	− ·09	67	65	− 2	WSW	1	bc	1	75	61	—
Cape Griz Nez...	?	64	SW	5	b	?	?	63	59	− 1	W	3	bc	1	72	61	—
‡Jersey	29·97	65	Z	0	bc	29·94	− ·05	63	61	− 1	SW	3	cg	3	69	59	—
Brest	29·99	66	SW	1	b	29·94	− ·06	61	60	0	SW	4	m	4	72	61	0·04
Lorient	30·02	68	W	4	bc	30·01	·00	64	59	+ 1	W	4	c	1	75	59	—
‡Rochefort ...	30·14	72	NW	5	b	30·02	− ·06	66	66	− 1	SSW	1	o	2	77	63	—
Biarritz	30·04	72	NE	5	b	30·02	− ·03	67	64	− 2	E	1	c	0	79	64	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29·94	− ·01	61	59	− 6	SW	3	c	*	78	59	0·04
Charleville ...	? 29·95	63	WSW	4	o	? 29·98	+ ·02	59	57	− 1	SW	3	c	*	72	58	0·41
Paris	29·97	71	N	1	o	29·99	+ ·03	66	63	+ 1	NNE	1	m	*	*	*	—
Lyons	29·94	73	SSW	1	b	29·99	− ·03	70	62	+ 6	S	1	c	*	81	61	—
Toulon	30·17	72	SSE	1	m	30·14	− ·07	70	67	0	E	1	m	2	84	62	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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Fred^k Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Tuesday 19th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

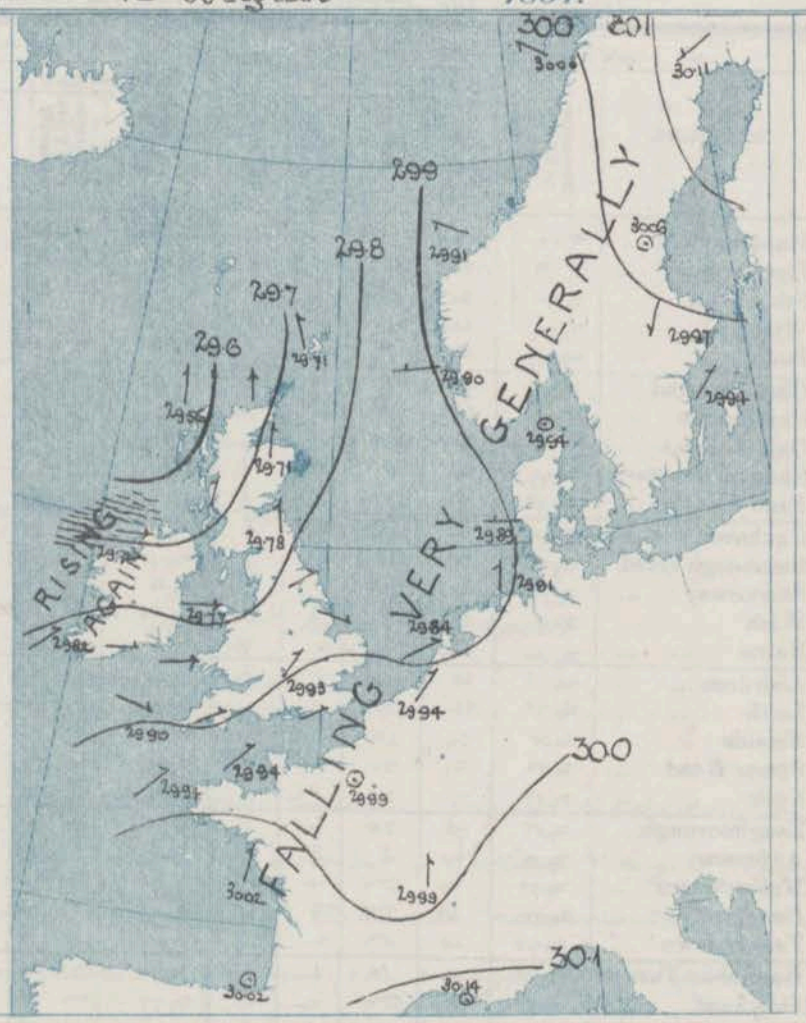
⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	ins
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 852
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 978



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

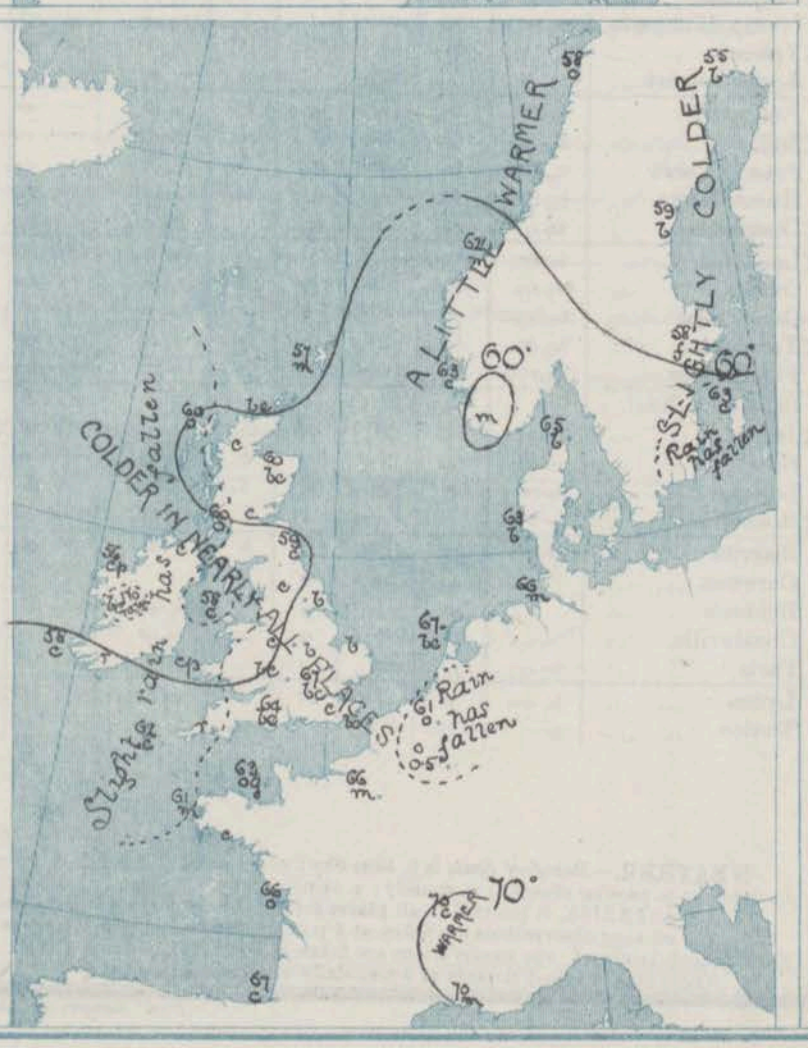
Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL

for the month of August

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 9	3 · 23
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 79
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 85
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 65
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	62 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE — *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*



REMARKS.

for Tuesday 19th August 1884, at 8 a.m.

In the course of the past night a well-marked, but not deep, depression has arrived off our extreme northwestern coasts, where the barometer has fallen about a quarter of an inch. The shallow subsidiary disturbance which lay over England last evening has moved eastwards to the neighbourhood of Holland, while some other very shallow subsiding systems are advancing towards England from the westward. The wind has freshened from between S. & W. in most places, accompanied by a considerable increase in the amount of cloud, and by rain at several of the western stations; on our eastern coast the sky is still clear. Temperature has decreased - most in the west, & the present readings range from 67° in London to 60° at the Scotch stations & to between 56° & 60° over Ireland. The maxima recorded yesterday varied from 81° in London & 80° at York & Cambridge to about 70° in the east of Scotland & to between 63° & 68° over Ireland. The sea is moderate both on our Southern & western coasts, slight or smooth elsewhere.

As the disturbances in the west & northwest pass over the country some showers are probable, with bright intervals.

FORECASTS

for the 24 hours ending at NOON on 20th August 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. and SW. winds, moderate or fresh; some showers.	6 SCOTLAND WEST	Same as No. 0 to 2
1 SCOTLAND EAST	..... do. ..... do. ..... do.	7 ENGLAND N.W.	Same as No. 0 to 2
2 ENGLAND N.E.	..... do. ..... do. ..... do.	8 ENGLAND S.W	Same as No. 5
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	S. to N. breezes, varying, fresh; showery.
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... do. ..... do. ..... do. .....
5 ENGLAND SOUTH	SW. and W. breezes, moderate to fresh; some showers, with bright intervals.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London. (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.00	66	60	SSE	2	c	4	Valencia	29.82	62	58	S	6	c	6
Sumburgh Head	29.88	60	56	S	2	b	2	Scilly	29.95	66	59	WSW	3	c	4
Stornoway	29.95	59	57	SSE	4	c	3	Dungeness	29.95	70	65	SW	4	c	3
Aberdeen	29.88	64	61	S	1	b	0	London	29.91	75	64	WSW	3	bc	*
Shields	29.87	63	60	NE	2	bm	2	Yarmouth	29.92	67	55	SE	4	bc	2
Ardrossan	29.94	67	64	Z	0	c	0	Jersey	30.00	66	64	WNW	3	bc	3
Mullaghmore	29.97	62	59	SSW	1	0	2	Rochefort	30.05	75	69	NW	5	b	2
Holyhead	29.80	65	62	SSW	3	c	3								

REMARKS.

No important change has occurred since the morning.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday 20th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·10	50	Z	0	b	30·17	+ ·06	54	50	— 1	Z	0	b	*	63	39	—
Hernösand ...	30·08	53	Z	0	b	30·14	+ ·08	59	55	0	Z	0	c	*	77	46	—
Stockholm ...	30·01	? 59	N	2	b	30·08	+ ·11	60	56	+ 2	NNE	2	b	*	75	55	—
Wisby	29·95	58	SSE	2	bc	29·99	+ ·05	61	59	— 2	NE	4	o	*	68	59	0·04
Bodö	29·96	60	Z	0	b	29·98	— ·02	63	54	+ 5	ESE	2	b	1	64	55	—
Christiansund ...	29·89	63	ESE	1	b	29·97	+ ·06	62	58	0	SW	1	c	1	75	55	—
‡Skudesnaes ...	29·92	65	SSE	2	bc	30·00	+ ·10	65	60	+ 2	E	4	m	3	68	?	—
Oxö (Xtiansund) ...	29·93	64	ENE	2	m	30·01	+ ·07	63	60	+ 4	ENE	6	bc	3	68	59	—
Skagen (The Skaw)	29·93	64	Z	0	b	30·01	+ ·07	65	62	0	ESE	2	b	0	72	61	—
Fanö	29·89	65	SE	1	b	29·94	+ ·05	66	62	+ 3	SE	4	c	*	75	61	—
Cuxhaven ...	29·91	67	N	1	m	29·91	·00	67	64	+ 1	ESE	2	bc	*	?	63	—
‡Sumburgh Head	29·72	58	SSE	4	b	29·93	+ ·22	54	53	— 3	WSW	2	o	3	61	51	—
‡Stornoway ...	29·76	56	W	5	cq	29·92	+ ·36	56	52	— 4	S	5	b	4	61	47	0·10
Wick	29·76	63	NW	2	bc	29·97	+ ·33	58	55	0	SE	2	bc	0	69	44	—
Nairn	29·77	61	WSW	2	bc	29·97	+ ·34	59	51	— 3	SSW	1	bc	1	68	48	—
‡Aberdeen	29·75	63	S	1	c	29·98	+ ·27	59	55	— 1	NNW	1	c	0	66	53	—
Leith	29·80	63	W	1	bc	29·99	+ ·29	58	52	— 3	W	1	b	*	67	48	—
‡Shields	29·81	62	WSW	2	o	30·00	+ ·22	54	51	— 5	W	2	b	2	67	46	0·03
Spurn Head ...	29·84	63	W	2	c	30·01	+ ·17	60	59	— 2	NNW	3	b	1	73	56	0·01
York	29·83	63	W	2	c	30·13	+ ·31	56	53	— 3	NW	1	b	*	70	46	0·03
Loughborough...	29·87	63	WNW	3	c	30·05	+ ·19	56	54	— 3	NW	1	bmw	*	66	43	0·03
‡Ardrossan ...	29·84	60	WNW	4	b	30·00	+ ·33	57	55	— 3	E	1	bw	1	64	45	—
‡Mullaghmore ...	29·88	60	WNW	2	b	29·98	+ ·26	55	53	— 1	SSW	3	o	3	63	55	—
Donaghadee ...	29·90	58	NNE	1	b	30·02	+ ·31	59	55	0	WSW	1	b	0	67	45	—
Parsonstown ...	29·90	62	W	2	bc	30·05	+ ·26	54	52	— 2	Z	0	bc	*	65	48	—
Barrow-in-Furness	29·86	62	WSW	3	b	30·01	+ ·26	54	53	— 4	NE	1	b	2	63	52	0·04
‡Holyhead ...	29·89	61	SSW	3	bc	30·01	+ ·24	59	58	+ 1	SSW	1	aw	1	64	51	—
Liverpool (Bidston)	29·88	61	WNW	2	b	30·03	+ ·25	62	59	+ 3	SSW	1	b	2	63	55	0·09
‡Valencia	29·97	58	WNW	3	o	30·04	+ ·22	59	55	+ 1	SSW	4	o	4	64	53	0·01
Roche's Point ..	29·94	62	WW	3	bc	30·06	+ ·22	58	55	— 2	W	2	c	3	68	50	—
Pembroke ...	29·90	61	WSW	3	b	30·04	+ ·21	59	56	0	W	3	bcw	3	64	56	—
‡Scilly	29·97	62	W	4	c	30·06	+ ·16	61	55	— 1	W	3	c	5	66	56	0·02
Prawle Point ...	29·95	62	WSW	4	b	30·06	+ ·17	66	60	+ 8	N	1	bc	2	67	52	0·01
Hurst Castle ...	29·91	64	WNW	4	r	30·05	+ ·14	59	55	— 7	SE	1	c	2	67	51	0·06
‡Dungeness ...	29·92	63	SW	4	c	30·00	+ ·06	59	56	— 4	NNW	1	m	1	67	52	0·05
‡London... ...	29·88	62	SW	2	cq	30·04	+ ·11	56	54	— 11	WNW	1	bm	*	72	49	0·09
Oxford	29·92	60	SSW	2	b	30·06	+ ·17	57	54	— 3	W	1	bmw	*	65	48	0·06
Cambridge ...	29·88	62	W	1	c	30·03	+ ·14	58	56	— 5	N	1	b	*	74	48	0·21
‡Yarmouth ...	29·85	69	W	1	bc	29·95	+ ·11	63	61	0	N	2	bc	2	72	57	0·17
The Helder ...	29·90	65	W	1	bc	29·97	+ ·13	64	61	— 3	Z	0	b	1	70	55	—
Cape Griz Nez...	?	64	SW	4	c	?	?	61	60	— 2	NNW	4	b	3	70	59	0·08
‡Jersey	29·96	62	W	3	b	29·96	+ ·02	61	57	— 2	WNW	2	bc	2	67	56	0·09
Brest	30·02	65	NW	3	o	30·09	+ ·15	59	57	— 2	NNW	1	o	4	72	55	0·04
Lorient	30·03	66	NW	7	bc	30·10	+ ·09	57	56	— 7	NNW	3	bc	2	72	54	0·04
‡Rochefort ...	30·09	69	NW	5	b	30·12	+ ·10	62	60	— 4	NE	5	b	1	75	57	—
Biarritz	30·04	72	N	4	b	30·07	+ ·05	66	64	— 1	E	4	b	1	73	63	—
Coruña	*	*	*	*	*												
Brussels	*	*	*	*	*	29·98	+ ·04	62	59	+ 1	Z	0	o	*	75	59	0·04
Charleville ...	? 29·97	63	SW	4	o	? 29·97	— ·01	?	56	?	ENE	?	?	*	77	68	0·20
Paris	30·01	64	NE	1	c	30·06	+ ·07	61	59	— 5	N	1	o	*	*	*	0·08
Lyons	29·97	69	NNW	1	c	30·02	+ ·03	66	60	— 4	W	1	bc	*	81	59	—
Toulon	30·12	70	NNW	4	o	30·09	— ·05	72	62	+ 2	W	4	bc	2	82	64	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Wednesday 20th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

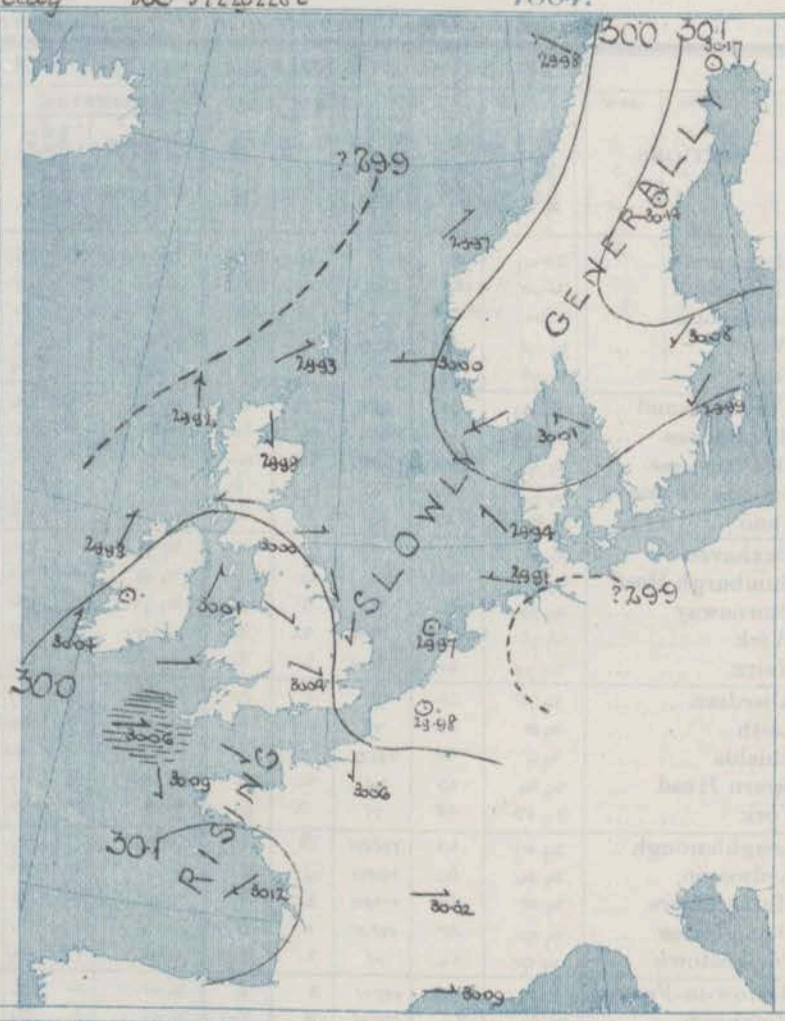
⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — where considerable is shewn thus
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August
During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 862
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 906
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 944
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 938



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

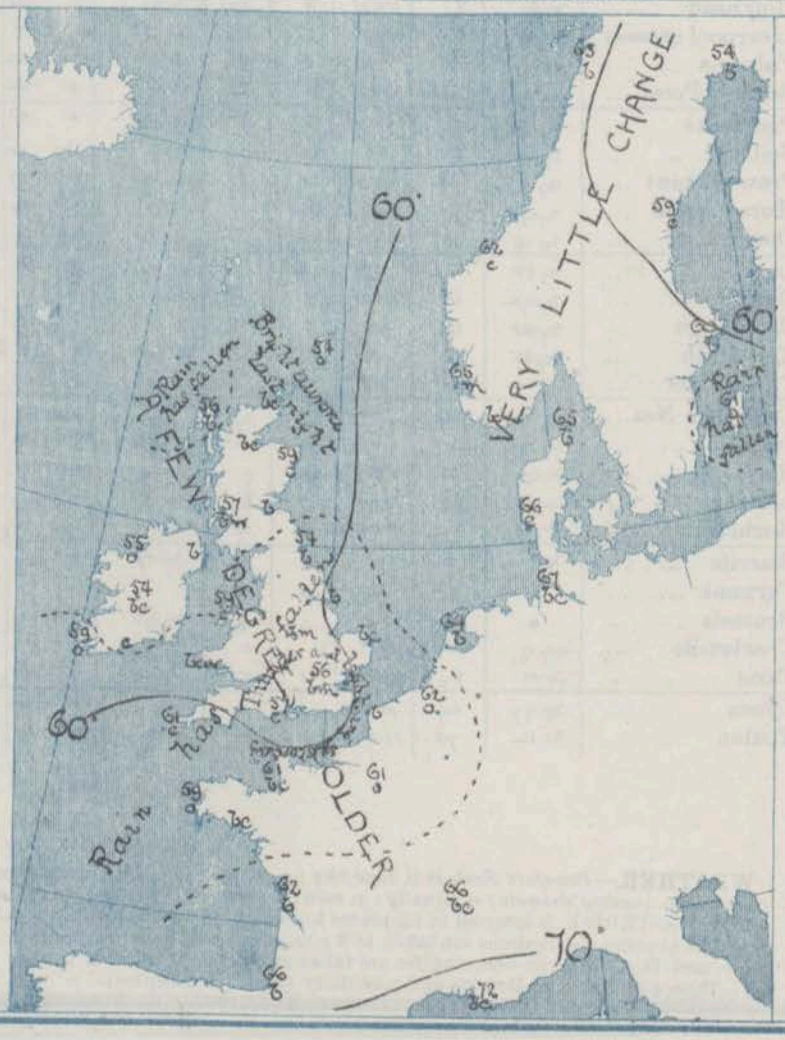
Temperature — Isotherms are drawn for each 10°. Changes since previous morning are stated in words.
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 79
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 93
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	62 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Wednesday 20th August 1884, at 8 a.m.

The depression which appeared off our north-western coasts yesterday has travelled away to the north-ward, while the subsidiary disturbances which travelled over England have passed away eastwards towards North Germany. Pressure is now high, both over northern Europe & the Bay of Biscay, the two high-pressure areas being united by a "ridge" (or "col") which lies over the United Kingdom & the North Sea. The wind has backed towards S. again at our western and north-western stations, while it has veered to NW. over the eastern parts of England. On the eastern shores of the North Sea it is Easterly. Temperature has fallen decidedly during the night, & the present readings over the British Islands are, as a rule, very uniform between 54° & 60°. At Prawle Point, however, the thermometer stands at 66° & is rising quickly.

The maximum readings recorded yesterday varied from 70° to 74° over England & were still lower in Ireland & Scotland.

Showers of rain have fallen in most part of England, & thunder & lightning have occurred over our south-eastern counties.

A heavy dew fell over England during the night. The weather is now fine over Great Britain, but misty in places.

In the west of Ireland the sky is again overcast. The sea is rather rough in the south-west; smooth elsewhere.

The barometer is now inclined to fall again in the extreme west, & South-westerly to Southerly breezes appear likely to become general shortly, with showers in the west, & fair weather in the east.

FORECASTS

for the 24 hours ending at NOON on 21st August 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. and SE. winds; fine at first, then less settled.	6 SCOTLAND WEST	Same as No. 0 & 1.
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	SW. and S. breezes, light to fresh; fine to showery.
2 ENGLAND N.E.	Very light winds and fine weather.	8 ENGLAND S.W	..... D° ..... D° ..... D° .....
3 ENGLAND EAST	..... D° ..... D° ..... D°	9 IRELAND NORTH	S. breezes, freshening; showery.
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	SW. breezes, light; fair, warmer.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, 131.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.89	65	62	SSE	6	c	3
Sumburgh Head	29.69	58	58	SSE	4	m	4
Stornoway	29.68	58	57	W	5	ofp	4
Aberdeen	29.73	65	60	S	3	b	1
Shields	29.79	64	61	S	3	d	2
Ardrossan	29.78	64	59	WNW	4	b	3
Mullaghmore	29.82	61	57	NNW	4	b	3
Holyhead	29.87	63	59	SSW	3	b	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29.93	62	58	WNW	4	o	4
Scilly	29.94	65	60	W	4	c	4
Dungeness	29.92	67	59	SW	3	c	3
London	29.87	69	61	SW	4	o	*
Yarmouth	29.87	71	61	WNW	2	b	1
Jersey	29.94	64	62	W	3	o	3
Rochefort	30.10	74	69	NW	5	c	2

REMARKS.

The depressions noticed in the north-west and west this morning are passing off, and the weather is clearing again at our western stations, with a rising barometer. The sea is moderate to smooth on all coasts.

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DAILY WEATHER REPORT

for Thursday 21st August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·21	62	L	0	b	30·23	+ ·06	56	51	+ 2	S	2	b	*	64	39	—
Hernösand ...	30·20	51	L	0	b	30·17	+ ·03	58	56	— 1	L	0	b	*	72	45	—
Stockholm ...	30·12	57	ENE	2	b	30·15	+ ·07	60	58	0	NE	2	b	*	70	52	—
Wisby	30·02	59	ENE	2	b	30·06	+ ·07	61	57	0	E	4	bc	*	66	54	—
Bodö	30·04	65	L	0	b	29·92	— ·06	65	58	+ 2	ENE	6	c	3	70	59	—
Christiansund ...	29·98	65	E	1	bc	29·86	— ·11	66	58	+ 4	S	3	c	1	72	55	—
‡Skudesnaes ...	30·04	64	S	6	b	30·10	+ ·10	62	58	— 3	SSW	4	o	4	72	?	—
Oxö (Christiansund) ...	30·11	63	NE	2	m	30·12	+ ·11	62	60	— 1	NE	2	m	2	68	59	0·39
Skagen (The Skaw)	30·09	60	L	0	b	30·12	+ ·11	64	60	— 1	L	0	b	0	72	54	—
Fanö	30·09	63	SE	2	b	30·14	+ ·20	69	64	+ 3	SE	1	b	*	75	55	—
Cuxhaven ...	29·97	63	E	2	b	30·12	+ ·21	64	62	— 3	E	3	c	*	?	59	—
‡Sumburgh Head	29·89	56	S	2	b	30·02	+ ·09	55	51	+ 1	W	4	b	4	61	50	0·22
‡Stornoway ...	29·82	55	S	6	r	30·11	+ ·19	54	49	— 2	WSW	4	b	3	60	46	0·12
Wick	29·86	59	S	3	bc	30·15	+ ·18	56	52	— 2	W	3	bc	2	64	47	0·10
Nairn	29·87	63	SW	2	o	30·15	+ ·18	56	51	— 1	W	1	bc	0	68	52	—
‡Aberdeen	29·95	58	S	3	b	30·14	+ ·16	59	51	— 2	NNW	3	b	1	69	53	0·02
Leith	29·97	67	SW	1	c	30·14	+ ·15	61	54	+ 3	SW	1	b	*	72	? 54	—
‡Shields	30·03	61	SSE	2	b	30·15	+ ·16	59	56	+ 5	SW	1	o	2	65	51	—
Spurn Head ...	30·05	62	SE	2	b	30·18	+ ·17	62	60	+ 2	NNW	3	bm	1	66	59	—
York	30·04	68	WSW	1	o	30·19	+ ·06	61	57	+ 5	W	1	c	*	76	54	0·01
Loughborough ...	30·06	67	W	1	o	30·20	+ ·15	61	57	+ 5	W	3	cm	*	75	53	—
‡Ardrossan ...	29·98	51	S	3	o	30·17	+ ·17	59	54	+ 2	NNW	1	b	1	63	49	0·03
‡Mullaghmore ...	29·94	62	SW	6	bc	30·20	+ ·22	57	52	+ 2	E	2	bm	3	64	53	0·03
Donaghadee ...	30·01	60	SSW	2	b	30·19	+ ·17	57	53	0	N	3	bc	1	65	54	—
Parsonstown ...	30·01	67	S	1	b	30·20	+ ·15	55	54	+ 1	N	5	o	*	60	53	—
Barrow-in-Furness	30·05	63	WSW	2	c	30·13	+ ·12	60	58	+ 6	W	4	c	3	67	54	—
‡Holyhead ...	30·08	60	SSW	4	c	? 30·19	+ ·18	61	59	+ 2	SSW	1	b	1	65	56	—
Liverpool (Bidston)	30·06	64	NW	1	c	30·18	+ ·15	62	57	0	SW	1	bc	2	72	55	—
‡Valencia	30·07	61	SSW	5	cm	30·17	+ ·13	60	59	+ 1	NNW	1	cm	1	63	57	0·05
Roche's Point ..	30·10	61	SW	3	c	30·19	+ ·13	63	61	+ 5	WSW	2	o	2	66	53	—
Pembroke ...	30·11	60	WSW	3	c	30·20	+ ·16	62	59	+ 3	WSW	1	o	1	64	59	—
‡Scilly	30·12	62	L	0	c	30·21	+ ·15	65	60	+ 4	L	0	bc	4	65	57	—
Prawle Point ...	30·12	62	WSW	3	c	30·23	+ ·17	62	57	— 4	E	1	b	0	68	52	—
Hurst Castle ...	30·10	67	W	4	c	30·21	+ ·16	63	59	+ 6	NE	1	bm	1	72	53	—
‡Dungeness ...	30·07	65	L	0	m	30·20	+ ·20	64	61	+ 5	NW	2	c	1	70	55	—
‡London	30·07	69	N	1	b	30·22	+ ·18	62	58	+ 6	SW	1	bm	*	78	63	—
Oxford	30·11	64	L	0	o	30·22	+ ·16	60	57	+ 3	L	0	b	*	75	53	—
Cambridge ...	30·09	61	L	0	b	30·21	+ ·18	63	58	+ 5	NW	1	b	*	74	56	—
‡Yarmouth ...	30·06	65	NNE	2	b	30·18	+ ·20	63	61	0	WNW	2	bc	1	68	56	—
The Helder ...	30·06	66	NNW	1	b	30·15	+ ·18	66	63	+ 2	NNW	1	bc	1	72	64	—
Cape Griz Nez ...	?	66	N	1	c	?	?	64	63	+ 3	N	1	o	1	72	61	—
‡Jersey	30·11	62	NNW	2	b	30·20	+ ·14	65	60	+ 4	NE	1	b	1	67	56	—
Brest	30·14	63	N	4	o	30·20	+ ·11	58	56	— 1	NE	3	o	4	68	55	—
Lorient	30·10	65	NW	4	b	30·20	+ ·10	59	55	0	NE	4	b	1	72	55	—
‡Rochefort ...	30·11	68	NW	7	o	30·19	+ ·07	61	57	— 1	E	5	b	2	75	55	—
Biarritz	30·08	70	N	5	bc	30·09	+ ·02	66	63	0	N	3	c	2	75	63	—
Coruna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·16	+ ·18	65	62	+ 3	NNE	3	b	*	70	61	0·08
Charleville ...	? 30·02	62	NNE	3	o	? 30·12	+ ·15	62	58	?	NNW	4	c	*	66	56	0·98
Paris	30·05	70	NW	3	bc	30·19	+ ·13	62	60	+ 1	NNE	4	m	*	*	*	—
Lyons	29·99	68	N	3	c	30·10	+ ·08	59	54	— 9	N	3	o	*	78	53	—
Toulon	30·05	73	NNW	7	bc	30·06	— ·03	65	55	— 7	NW	5	o	3	84	54	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Thursday 21st August 1884.

BAROMETER, WIND & SEA.

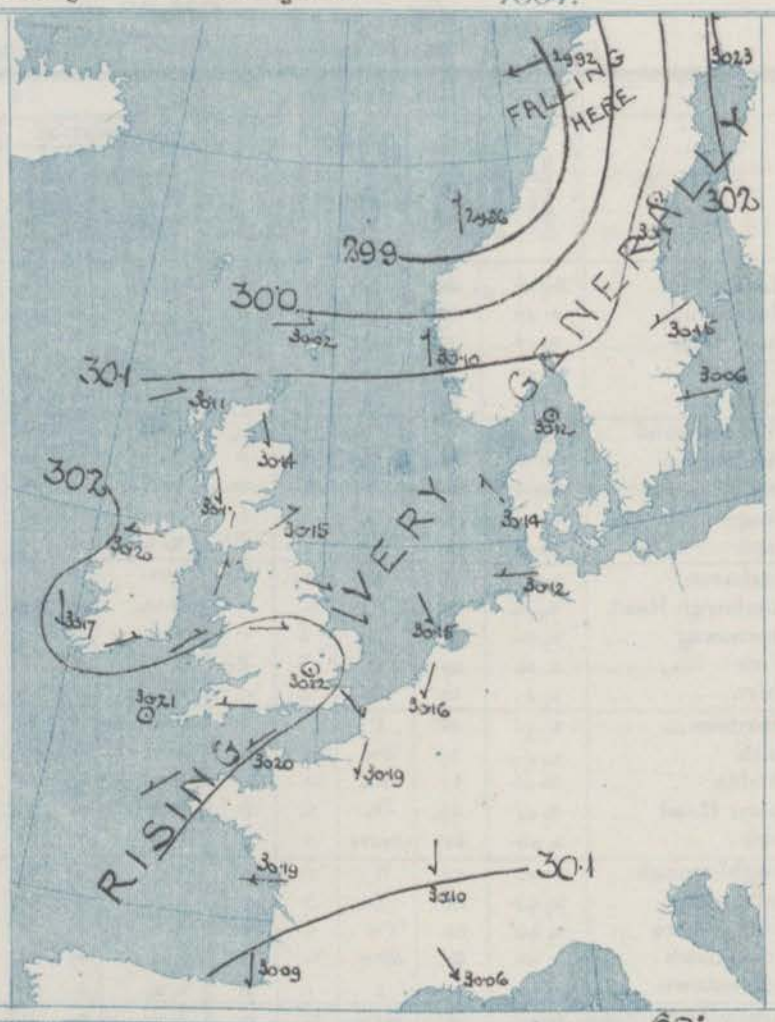
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7, ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

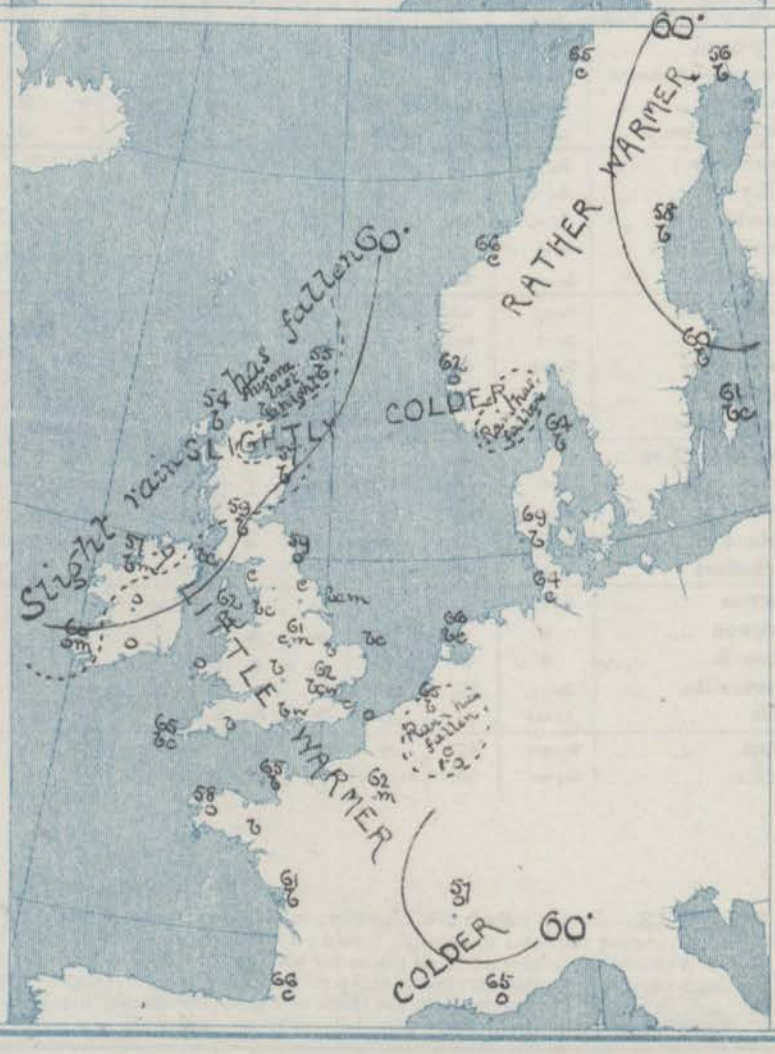
STATIONS.	MEAN READINGS ins.
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·829
Aberdeen	29·835
Leith	29·852
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·886
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·948
Dover	29·945
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*



MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE Dry Bulb.	TEMPERATURE Wet Bulb.	RAINFALL ins.
Sumburgh Head	54·1	52·4	3·49
Stornoway	55·8	53·9	3·62
Wick	55·6	53·6	2·43
Nairn	56·0	53·1	2·99
Aberdeen	56·8	53·9	3·33
Leith	58·1	55·2	2·62
Shields	58·0	55·3	2·79
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·10
Donaghadee	57·3	55·9	3·08
Holyhead	58·9	56·9	2·93
Liverpool	59·2	56·1	2·65
Valencia	59·8	57·1	4·64
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	59·8	2·54
Dover	63·3	59·6	2·24
LONDON	61·9	58·5	2·45
Oxford	59·8	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·4	58·5	2·36

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Thursday 21st August 1884, at 8 a.m.

In the course of the past night a considerable rise of the barometer has taken place over our islands - especially in the north, & the observations of this morning show that a high pressure area is advancing from the westward. The wind is consequently becoming very light & variable; it is chiefly W^ly in the northern districts & Northwesterly in the east, while in France it is North-easterly & Easterly. Temperature is rising over England & Ireland, but has fallen slightly in Scotland; the present readings vary from 53° to 63° over the greater part of England, but the highest daily maxima of yesterday ranged from 70° to 76°. Fine, dry weather now prevails over our islands generally, with mist or haze in places. Aurora was seen at Wick last night. The sea is moderate at the mouth of the Channel, smooth elsewhere.

There is no indication of any broken weather at present, & with a prevalence of bright quiet conditions the temperature is likely to rise considerably.

FORECASTS

for the 24 hours ending at NOON on 22nd August 1884.
(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW^ly breezes, light; fine, hazy in places.	6 SCOTLAND WEST	Same as No. 0 to 2
1 SCOTLAND EAST	------ D° ------ D° ------ D° ------	7 ENGLAND N.W.	Same as No. 0 to 2
2 ENGLAND N.E.	------ D° ------ D° ------ D° ------	8 ENGLAND S.W	Same as No. 5
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	Variable airs and calms; fine, warm.
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	------ D° ------ D° ------ D° ------
5 ENGLAND SOUTH	Very light airs or calms; fine, warm, hazy at times.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, 1731.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·01	72	64	SSE	2	bc	3	Valencia	30·06	62	59	SSW	5	bc	5
Sumburgh Head	29·98	59	59	S	2	bc	2	Scilly	30·12	65	58	WNW	2	c	4
Stornoway	29·85	54	53	S	6	o	5	Dungeness	30·04	70	62	SSW	1	b	1
Aberdeen	29·95	62	56	S	3	b	0	London	30·05	70	59	N	2	b	*
Shields	30·03	59	56	E	3	b	2	Yarmouth	30·05	68	64	NNE	3	b	2
Ardrossan	30·00	62	59	SSW	1	c	1	Jersey	30·09	64	58	N	2	c	3
Mullaghmore	29·95	61	53	SW	5	ovr	4	Rochefort	30·13	70	62	NW	5	c	2
Holyhead	30·07	64	59	SSW	2	bc	2								

REMARKS.

A slight fall of the barometer has taken place at our extreme north-western stations since the morning, the wind there has freshened from the S.ᵗʰ or SW.ᵗʰ, with dull misty weather. Over England no important change is reported. The sea is rather rough at Stornoway and Valencia, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 22nd August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·15	49	L	0	b	30·15	— ·08	59	55	+ 3	W	4	b	*	59	39	—
Hernösand ...	30·15	58	SW	2	bc	30·24	+ ·07	56	50	— 2	NW	4	c	*	68	45	—
Stockholm ...	30·17	55	S	2	c	30·20	+ ·05	62	53	+ 2	SSW	2	c	*	64	50	—
Wisby	30·07	57	ENE	4	b	30·13	+ ·07	59	55	— 2	ESE	2	b	*	64	53	—
Bodö	29·96	57	WSW	6	r	30·14	+ ·27	54	49	— 11	WSW	6	c	3	68	50	—
Christiansund ...	30·18	55	W	6	c	30·28	+ ·37	54	50	— 12	SE	3	b	4	55	46	—
‡Skudesnaes ...	30·20	56	NW	4	bc	30·20	+ ·10	57	53	— 5	NNW	2	b	3	63	55	—
Oxö (Xuansund) ...	30·15	64	W	4	b	30·19	+ ·07	57	55	— 5	NW	2	m	2	66	57	—
Skagen (The Skaw)	30·11	61	L	0	b	30·17	+ ·05	64	61	0	W	3	b	1	72	57	—
Fanö	30·20	60	NW	1	b	30·23	+ ·09	66	63	— 3	E	1	c	*	70	55	—
Cuxhaven ...	30·22	60	N	3	b	30·23	+ ·11	63	59	— 1	S	1	b	*	?	57	—
‡Sumburgh Head	30·19	55	W	2	b	30·13	+ ·11	56	53	+ 1	SSE	4	b	4	59	45	—
‡Stornoway ...	30·15	56	SSE	3	b	29·98	— ·13	56	56	+ 2	S	5	d	4	62	44	0·09
Wick	30·21	57	SE	2	b	30·08	— ·07	59	58	+ 3	S	4	bc	2	64	52	—
Nairn	30·19	61	ENE	2	b	30·05	— ·10	61	60	+ 8	SW	1	c	1	66	48	—
‡Aberdeen	30·24	58	E	2	b	30·15	+ ·01	58	57	+ 1	S	4	c	1	66	47	—
Leith	30·14	60	E	1	b	30·13	— ·01	61	59	0	SE	1	m	*	68	55	—
‡Shields	30·22	59	NNE	1	c	30·18	+ ·03	59	57	0	ENE	1	c	1	65	55	—
Spurn Head ...	30·19	60	ENE	3	b	30·18	·00	63	61	+ 1	SSE	2	m	1	69	58	—
York	30·19	69	SW	1	c	? 30·20	+ ·01	59	58	— 2	L	0	m	*	75	54	—
Loughborough...	30·19	69	NSW	2	c	30·20	·00	59	55	— 5	L	0	fw	*	75	49	—
‡Ardrossan ...	30·18	60	SSW	1	c	30·12	— ·05	61	60	+ 2	S	1	c	1	64	55	0·01
‡Mullaghmore ...	30·11	60	SE	3	cm	30·03	— ·17	61	58	+ 4	SSW	4	cm	3	64	56	—
Donaghadee ...	30·19	57	S	1	c	30·11	— ·08	61	59	+ 4	S	3	c	1	63	56	—
Parsonstown ...	30·13	64	SSW	1	r	30·10	— ·10	58	56	+ 3	ESE	1	oc	*	66	54	0·06
Barrow-in-Furness	30·18	63	NW	3	c	30·13	·00	60	58	0	ESE	3	c.m	3	66	58	—
‡Holyhead ...	30·16	62	SSW	2	c	30·16	— ·03	62	60	+ 1	SSW	2	bc	2	66	55	—
Liverpool (Bidston)	30·19	64	NW	1	c	30·16	— ·02	65	59	+ 3	SE	1	b	1	70	55	—
‡Valencia	30·13	62	SSE	4	cm	30·05	— ·12	60	59	0	SSW	4	c	4	65	58	0·01
Roche's Point ..	30·19	62	SSW	2	c	30·11	— ·08	63	61	0	SSW	2	bc	3	68	58	—
Pembroke ...	30·21	63	SW	1	b	30·13	— ·07	59	59	— 3	E	2	f	1	66	54	—
‡Scilly	30·19	64	SSE	1	bc	30·09	— ·12	63	62	0	ESE	4	b	4	72	58	—
Prawle Point ...	30·22	64	WNW	1	b	30·16	— ·07	66	60	+ 4	ENE	1	b	0	68	56	—
Hurst Castle ...	30·24	68	SW	2	b	30·18	— ·03	65	62	+ 2	ENE	2	m	4	74	56	—
‡Dungeness ...	30·20	65	L	0	b	30·19	— ·01	67	63	+ 3	ENE	2	b	1	72	59	—
‡London	30·17	69	L	0	m	30·20	— ·02	65	59	+ 3	SE	1	bm	*	76	51	—
Oxford	30·22	65	NW	1	b	30·19	— ·03	58	55	— 2	L	0	bfw	*	76	52	—
Cambridge ...	30·17	73	NW	1	b	30·20	— ·01	64	60	+ 1	N	1	b	*	80	53	—
‡Yarmouth ...	30·19	67	S	1	b	30·21	+ ·03	65	62	+ 2	SE	1	b	1	69	60	—
The Helder ...	30·21	66	NNW	1	bc	30·20	+ ·05	67	60	+ 1	ENE	1	bc	1	70	64	
Cape Griz Nez...	?	68	ENE	3	b	?	?	64	64	0	ENE	1	bc	1	73	59	—
‡Jersey	30·18	64	NNE	3	bm	30·14	— ·06	66	63	+ 1	ENE	2	b	2	71	56	—
Brest	30·18	66	N	4	c	30·09	— ·11	63	59	+ 5	SE	4	b	3	72	54	—
Lorient	30·18	69	WNW	3	b	30·11	— ·09	62	60	+ 5	ESE	4	b	1	75	54	—
‡Rochefort ...	30·16	71	NW	7	c	30·10	— ·09	64	61	+ 3	E	5	b	2	? 74	? 55	—
Biarritz	30·05	70	N	5	b	30·07	— ·08	66	64	0	ESE	3	b	2	73	61	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·18	+ ·02	62	60	— 3	NNE	3	b	*	75	57	—
Charleville ...	? 30·15	71	NE	5	b	? 30·16	+ ·04	59	56	— 3	NE	3	b	*	77	54	—
Paris	30·18	73	N	1	bc	30·17	— ·02	66	63	+ 4	NE	1	b	*	*	*	—
Lyons	30·04	69	N	3	bc	30·08	— ·02	60	58	+ 3	N	1	b	*	74	55	—
Toulon	30·13	73	SE	1	c	30·17	+ ·11	68	61	+ 3	L	0	bc	0	77	63	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Friday 22nd August 1884.

BAROMETER, WIND & SEA.

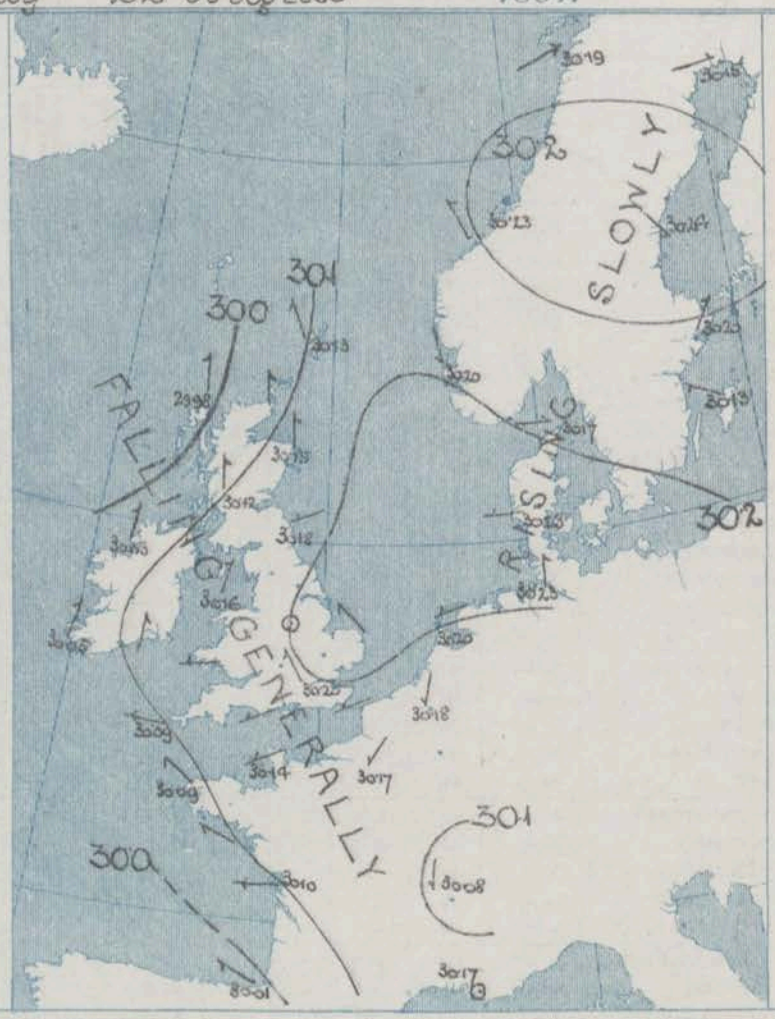
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevaient winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 862
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 940
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shewn by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL

for the month of August.

STATIONS.	TEMPERATURE Dry Bulb. °	TEMPERATURE Wet Bulb. °	RAINFALL ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	55 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 83
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	63 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Friday 22nd August 1884, at 8 a.m.

The somewhat complex high-pressure area which reached our western coasts yesterday has travelled eastwards to the North Sea & Scandinavia, while at our north-western & western stations the barometer has begun to fall steadily. Gradients for Southerly winds are thus spreading more & more over us. Temperature has changed rather irregularly, but is inclined to increase generally. The maximum readings recorded over England yesterday were 80° at Cambridge, 76° in London & at Oxford, & 75° at York & Loughborough. Varying South-easterly & Easterly winds are now reported at the English stations, & Southerly breezes in Ireland & Scotland, while in France & the Channel the wind is Easterly & North-easterly. A very little rain has fallen in the west of Ireland & at Stornoway, & the sky has become overcast at the Irish stations generally. Over Great Britain the weather is fine & bright, but with haze locally. The sea is smooth, except on our extreme south-western and northern coasts.

A continued spreading eastwards of the Southerly current of wind is probable, with less settled weather in the west, but fine and very warm weather over England

FORECASTS

for the 24 hours ending at NOON on 23rd August 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S'ly breezes, moderate to fresh; fine to showery.	6 SCOTLAND WEST	S'ly winds, freshening; cloudy, perhaps some rain.
1 SCOTLAND EAST	S'ly or SE'ly breezes, light; fine, warm.	7 ENGLAND N.W.	..... D° ..... D° ..... D° .....
2 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W	SE'ly breezes, fresh; fair.
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	Varying S'ly winds, freshening; cloudy, rain at times.
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	SE'ly breezes, light; fine, very warm, haze at night.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.16	59	57	NW	6	o	3	Valencia	30.16	64	62	SSW	3	o	4
Sumburgh Head	30.17	58	53	W	4	b	4	Scilly	30.27	64	60	SSE	1	bc	4
Stornoway	30.18	61	53	SW	3	bc	3	Dungeness	30.21	69	62	SE	1	b	2
Aberdeen	30.23	60	64	E	3	b	1	London	30.19	74	62	NNE	1	m	*
Shields	30.21	62	59	NE	1	o	2	Yarmouth	30.19	68	64	E	2	b	1
Ardrossan	30.20	63	57	SW	1	b	1	Jersey	30.20	67	59	N	3	b	3
Mullaghmore	30.17	62	56	NW	2	cm	4	Rochefort	30.19	76	67	NW	4	b	2
Holyhead	30.22	65	60	SW	2	bc	1								

REMARKS.

The barometer now shows some slight tendency to fall in the extreme West of our islands, and the wind there is drawing into SW. again, while in the East it is NE^{ly}. The centre of an elongated anticyclone now lies over England. The sea is moderate to smooth on all our coasts.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday 23rd August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·25	55	N	4	o	30·29	+ ·14	54	52	− 5	Z	0	o	*	63	46	—
Hernösand ...	30·30	56	Z	0	b	30·32	+ ·08	51	49	− 5	Z	0	b	*	72	48	—
Stockholm ...	30·23	58	NE	2	o	30·26	+ ·06	?	5	?	NNE	2	b	*	68	52	—
Wisby	30·12	58	NE	4	o	30·15	+ ·02	61	57	+ 2	NE	4	b	*	66	50	—
Bodö	30·28	55	Z	0	b	30·21	+ ·02	55	48	+ 1	ENE	4	b	1	59	46	—
Christiansund ...	30·17	58	Z	0	b	30·13	− ·10	58	53	+ 4	Z	0	b	2	61	46	—
‡Skudesnaes ...	30·22	56	NNW	2	b	30·21	+ ·01	60	56	+ 3	SSE	2	c	2	63	55	—
Oxö (Xtiansund) ...	30·20	62	NNW	2	b	30·23	+ ·04	61	58	+ 4	SSE	2	b	2	66	55	—
Skagen (The Skaw)	30·21	58	N	2	b	30·22	+ ·05	63	59	− 1	Z	0	0	0	68	55	—
Fanö	30·21	59	NNW	1	b	30·21	− ·02	62	58	− 4	N	1	b	*	70	58	—
Cuxhaven ...	30·24	66	NNE	1	b	30·23	·00	68	66	+ 5	ENE	1	m	*	68	59	—
‡Sumburgh Head	30·05	58	SSE	4	c	29·95	− ·18	57	55	+ 1	S	4	c	4	59	54	—
‡Stornoway ...	29·96	60	S	5	o	29·86	− ·12	60	57	+ 4	S	6	dy	5	61	55	0·07
Wick	30·02	60	S	3	c	29·91	− ·11	63	59	+ 4	S	2	o	1	61	56	—
Nairn	30·00	68	Z	0	c	29·98	− ·07	68	60	− 1	Z	0	c	1	71	59	—
‡Aberdeen	30·09	60	S	1	o	30·04	− ·11	62	58	+ 4	SSW	1	c	1	67	55	—
Leith	30·06	66	SE	1	bc	30·04	− ·09	63	58	+ 2	NNW	1	bcm	*	69	52	—
‡Shields	30·10	67	S	1	m	30·10	− ·08	63	59	+ 4	S	1	m	1	67	57	0·04
Spurn Head ...	30·13	64	SE	4	b	30·14	− ·04	62	61	− 1	ESE	1	bm	1	69	60	—
York	30·11	75	SE	1	b	30·14	− ·06	62	58	+ 3	S	1	b	*	79	56	—
Loughborough...	30·10	77	SE	1	b	30·13	− ·07	62	59	+ 6	ESE	1	bm	*	81	52	—
‡Ardrossan ...	30·06	62	S	1	c	30·03	− ·09	63	61	+ 2	SE	1	cm	1	66	57	—
‡Mullaghmore ...	29·97	67	SSW	4	c	29·99	− ·04	59	57	− 2	SSW	3	c	0	69	58	—
Donaghadee ...	30·06	59	SSW	2	bc	30·04	− ·07	62	60	+ 1	SSW	1	bc	0	65	55	—
Parsonstown ...	30·00	69	SSW	1	bc	30·05	− ·05	60	58	+ 2	Z	0	b	*	72	55	—
Barrow-in-Furness	30·09	69	NW	4	b	30·09	− ·04	63	59	+ 3	ESE	4	b	3	71	59	—
‡Holyhead ...	30·09	67	S	1	bc	30·07	− ·09	66	61	+ 4	SSW	2	bm	2	70	58	—
Liverpool (Bidston)	30·08	73	NW	1	b	30·08	− ·08	69	61	+ 4	SE	2	b	2	71	58	—
‡Valencia	29·99	62	S	4	o	30·01	− ·04	61	59	+ 1	SSE	1	b	1	64	24	—
Roche's Point ..	30·05	64	S	2	c	30·05	− ·06	61	60	− 2	N	1	m	2	70	59	—
Pembroke ...	30·06	67	ESE	3	m	30·05	− ·08	65	62	+ 6	E	4	m	2	69	59	—
‡Scilly	30·02	66	ESE	4	b	29·99	− ·10	67	65	+ 2	E	4	cm	3	70	62	—
Prawle Point ...	30·08	64	ENE	3	b	30·06	− ·10	69	64	+ 3	NE	2	b	2	71	60	—
Hurst Castle ...	30·12	72	NNE	2	b	30·09	− ·09	67	64	+ 2	E	2	m	1	76	57	—
‡Dungeness ...	30·12	66	ENE	3	b	30·11	− ·08	68	64	+ 1	ESE	2	b	2	71	63	—
‡London... ...	30·12	72	E	2	b	30·15	− ·05	63	62	− 2	ESE	1	bm	*	81	58	—
Oxford	30·11	70	SE	3	b	30·13	− ·06	65	62	+ 7	Z	0	bmw	*	80	53	—
Cambridge ...	30·12	71	E	1	b	30·13	− ·05	59	59	− 5	Z	0	ow	*	81	50	—
‡Yarmouth ...	30·16	67	ESE	2	b	30·15	− ·06	67	63	+ 2	SE	2	b	1	69	63	—
The Helder ...	30·17	68	NE	1	b	30·18	− ·02	69	64	+ 2	E	1	b	1	75	63	—
Cape Griz Nez...	?	66	N	4	b	?	?	66	60	+ 2	E	3	b	1	73	59	—
‡Jersey	30·03	69	ENE	3	b	30·03	− ·11	69	64	+ 3	ENE	3	bm	3	76	63	—
Brest	30·00	72	NNW	3	b	29·96	− ·13	66	61	+ 3	ESE	5	b	4	81	63	—
Lorient	29·99	75	NW	3	b	29·99	− ·12	65	63	+ 3	ENE	4	b	1	84	59	—
‡Rochefort ...	29·97	74	ESE	5	b	29·99	− ·11	65	61	+ 1	ESE	5	b	2	93	59	—
Biarritz	29·85	83	E	5	b	29·91	− ·10	72	70	+ 4	N	3	bc	1	86	?	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·14	− ·04	65	60	+ 3	E	1	b	*	78	54	—
Charleville ...	?30·10	72	NE	1	c	? 30·13	− ·03	58	55	− 1	NE	1	o	*	82	54	—
Paris	30·09	75	N	1	b	30·11	− ·06	67	64	+ 1	Z	0	b	*	*	*	—
Lyons	29·97	74	NE	1	b	30·04	− ·04	62	59	+ 2	NNW	1	b	*	80	59	—
Toulon	30·19	70	Z	0	b	30·19	+ ·02	72	68	+ 4	E	1	b	1	84	66	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted)

Great Dangerous Gale London

WEATHER CHARTS

for 8 a.m. on Saturday 23rd August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailed winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⊛⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shown thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	Inches.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 857
Shields	29 · 870
York	29 · 865
Ardrossan	29 · 866
Donaghadee	29 · 868
Holyhead	29 · 853
Liverpool	29 · 838
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 940
Dover	29 · 942
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	Inc.
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 19
Aberdeen	56 · 8	53 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 19
Holyhead	58 · 9	56 · 9	2 · 93
Liverpool	58 · 7	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 6	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 6	2 · 54
Dover	62 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 6	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Saturday 23rd August 1884 at 8 a.m.

Barometric pressure is still highest to the eastward of the North Sea & lowest to the north-westward and south-westward of our islands. The gradients, however, are slight, and, as the barometer is inclined to rise a little in the extreme west, they appear likely to become even slighter. Temperature is rather higher than it was yesterday morning, except in some localities where fog or mist prevails. The maximum readings recorded over England yesterday were as high as 84° at Hillington (Norfolk), 81° at Loughborough, Cambridge & in London & 80° at Oxford; some of the French readings were still higher, that at Rochefort being 93°. The winds reported this morning are still Southerly in the north & north-west, but are South-easterly or Easterly over England & France. Slight rain has fallen at some of our northern stations, but elsewhere the weather has been & is still fine. Thick fog prevailed in the suburbs of London early this morning & haze is still reported in many parts of England. The sea is smooth except in the far north.

There is no indication of any important change of weather at present – so that the thermometer is likely to continue rising at our inland stations.

FORECASTS

for the 24 hours ending at NOON on 24th August 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.W. breezes, moderate; fair on the whole.	6 SCOTLAND WEST	Same as No. 0
1 SCOTLAND EAST	S.E. or S. breezes, light; fine, very warm.	7 ENGLAND N.W.	Same as No. 0
2 ENGLAND N.E.	..... do. ..... do. ..... do.	8 ENGLAND S.W	Same as No. 5
3 ENGLAND EAST	..... do. ..... do. ..... do.	9 IRELAND NORTH	Same as No. 0
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	Same as No. 5
5 ENGLAND SOUTH	S.E. breezes, very light; fine, very warm.	WARNINGS	None Issued.

Predk Dangerfield, Lith. London, 1884.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes								Valencia	30·02	63	59	SSE	5	c	5
Sumburgh Head	30·09	57	55	SSE	4	o	4	Scilly	30·04	69	65	ESE	5	b	4
Stornoway	29·98	59	59	S	6	d	5	Dungeness	30·16	70	64	ENE	2	b	4
Aberdeen	30·11	64	60	S	4	bc	1	London	30·18	71	61	ESE	3	b	•
Shields	30·12	64	61	NE	1	m	2	Yarmouth	30·20	68	65	ESE	2	b	1
Ardrossan	30·10	64	62	SW	1	o	1	Jersey	30·07	76	66	NE	2	b	2
Mullaghmore	30·01	65	59	S	4	ov	2	Rochefort	30·05	91	74	E	5	b	2
Holyhead	30·18	68	61	SSW	2	bcm	1								

REMARKS.

The barometer is now falling in all parts of our Islands, and the S. wind is freshening at our extreme western and north western stations. Temperature has risen considerably over England, where the weather is very fine. The sea is rather rough at Stornoway and Valencia, moderate to smooth elsewhere.

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DAILY WEATHER REPORT

for Sunday 24th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Min.	Amount of Rainfall.
Haparanda	30·24	51	Z	0	c	30·29	·00	49	49	— 5	Z	0	f	*	59	48	—
Hernösand ...	30·28	51	Z	0	b	30·27	— ·08	53	52	+ 2	Z	0	f	*	72	39	—
Stockholm ...	30·25	58	Z	0	b	30·26	·00	54	53	?	Z	0	0	*	70	57	—
Wisby	30·14	59	NE	4	b	30·15	·00	61	57	0	NE	6	b	*	64	52	—
Bodö	30·15	57	Z	0	b	30·12	— ·09	59	54	+ 4	ENE	2	c	1	64	52	—
Christiansund ...	30·09	62	Z	0	bc	30·04	— ·09	64	55	+ 6	ESE	3	a	1	66	55	—
‡Skudesnaes ...	30·19	63	SSE	6	c	30·18	— ·03	63	58	+ 3	SSE	8	0	4	66	61	—
Oxö (Xtiansund) ...	30·22	63	Z	0	bc	30·25	+ ·02	60	58	— 1	NNW	2	bc	2	70	57	—
Skagen (The Skaw)	30·22	63	Z	0	b	30·22	·00	64	63	+ 1	Z	0	b	0	70	57	—
Fanö	30·20	60	NW	2	b	30·22	+ ·01	57	57	— 5	E	1	f	*	68	54	—
Cuxhaven ...	30·24	67	NNE	1	b	·23	·00	68	66	0	ENE	1	m	*	68	59	—
‡Sumburgh Head	29·99	59	S	3	o	·91	— ·04	56	56	— 1	W	1	r	2	63	52	0·07
‡Stornoway ...	29·89	57	S	6	rq	29·88	+ ·02	57	55	— 3	SSW	5	c	4	60	51	0·14
Wick																	
Nairn	29·93	66	Z	0	c	29·90	— ·08	60	58	— 3	Z	0	r	1	71	60	0·06
‡Aberdeen	29·99	62	Z	0	bc	29·95	— ·09	69	63	+ 7	S	1	b	1	71	54	—
Leith	29·99	70	SW	1	bc	29·93	— ·11	71	63	+ 8	NW	1	b	*	80	59	—
‡Shields	30·04	69	SE	1	bm	30·03	— ·07	64	60	+ 1	S	4	bm	0	73	58	—
Spurn Head ...	30·10	64	ESE	3	b	30·09	— ·05	62	60	0	ESE	3	bm	2	68	60	—
York	30·08	78	S	1	b	30·07	— ·07	66	60	+ 3	S	1	b	*	83	56	—
Loughborough...	30·07	79	ESE	1	b	30·08	— ·05	65	60	+ 3	ESE	3	b	*	84	52	—
‡Ardrossan ...	29·99	64	SSE	1	bc	29·95	— ·05	61	61	— 2	Z	0	mp	0	70	59	0·17
‡Mullaghmore ...	29·95	66	WSW	4	c	29·98	— ·01	56	54	— 4	SW	3	bm	3	71	54	0·05
Donaghadee ...	30·00	62	S	2	bc	29·97	— ·07	60	58	— 2	N	2	0	0	71	55	—
Parsonstown ...	29·96	73	Z	0	c	30·03	+ ·02	58	56	— 2	Z	0	og	*	75	56	—
Barrow-in-Furness	30·03	73	E	1	bc	30·03	— ·06	66	61	+ 3	SE	3	b	2	77	56	—
‡Holyhead ...	30·03	72	SSW	2	bm	30·01	— ·06	67	63	+ 1	SSW	2	bm	2	78	61	—
Liverpool (Bidston)	30·03	76	SSE	2	b	30·02	— ·06	69	61	0	SE	2	b	2	82	58	—
‡Valencia	30·01	63	SSW	2	b	30·03	+ ·02	58	57	— 3	N	2	0	1	69	53	—
Roche's Point ..	30·03	67	SSE	2	bc	30·03	— ·02	61	58	0	NW	2	c	2	73	58	—
Pembroke ...	30·01	67	E	3	m	29·99	— ·06	65	62	0	E	2	bm	1	73	60	—
‡Scilly	30·00	68	ESE	4	bm	29·96	— ·03	68	66	+ 1	WSW	1	f	3	70	62	—
Prawle Point ...	30·05	68	ENE	2	b	30·03	— ·03	69	63	0	ENE	1	b	1	75	64	—
Hurst Castle ...	30·08	72	E	5	b	30·08	— ·01	70	66	+ 3	ENE	2	b	1	79	58	—
‡Dungeness ...	30·09	69	E	3	b	30·11	·00	70	64	+ 2	Z	0	b	0	72	60	—
‡London... ...	30·09	73	E	2	b	30·11	— ·04	67	62	+ 4	ESE	1	b	*	84	56	—
Oxford	30·08	70	SE	2	b	30·08	— ·05	66	?59	+ 1	ESE	1	bm	*	82	52	—
Cambridge ...	30·09	76	SE	1	b	30·09	— ·06	68	63	+ 9	SE	1	b	*	85	57	—
‡Yarmouth ...	30·14	68	ESE	2	b	30·12	— ·03	67	65	0	SE	2	b	1	70	64	—
The Helder ...	30·17	70	ENE	1	b	30·18	·00	69	63	0	SE	1	b	1	74	63	—
Cape Griz Nez...	?	65	NE	4	b	?	?	67	63	+ 1	Z	0	b	0	73	63	—
‡Jersey	30·07	[illegible]	ENE	3	b	30·05	+ ·02	71	63	+ 2	ESE	2	bm	2	81	63	—
Brest	29·98	70	NW	3	b	30·00	+ ·04	64	61	— 2	ESE	3	bc	2	82	63	—
Lorient																	
‡Rochefort ...	30·00	76	NW	3	b	30·06	+ ·07	68	66	+ 3	E	5	b	2	93	63	—
Biarritz	29·85	74	NE	4	b	29·98	+ ·07	70	68	— 2	Z	0	mt	2	82	7[illegible]	—
Corunna	*	*	*	*	*	30·05	+ ·03	66	65	0	N	1	f	3	79	57	—
Brussels	*	*	*	*	*	30·16	+ ·02	65	59	0	SE	1	b	*	73	5[illegible]	
Charleville ...	30·09	72	NNE	3	b	?30·23	+ ·10	58	55	0	NE	4	b	*	81	54	
Paris	30·09	77	SW	1	b	30·24	+ ·03	67	63	0	E	1	b	*	*	*	—
Lyons	29·99	79	NNE	1	b	30·12	+ ·08	64	60	+ 2	NW	1	b	*	86	58	—
Toulon	30·21	73	W	1	bc	?30·25	+ ·04	71	66	— 1	Z	0	bc	1	?	64	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; a. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield, Lith. London.

WEATHER CHARTS

for 8 a.m. on Sunday 24th August *1884.*

BAROMETER, WIND & SEA.

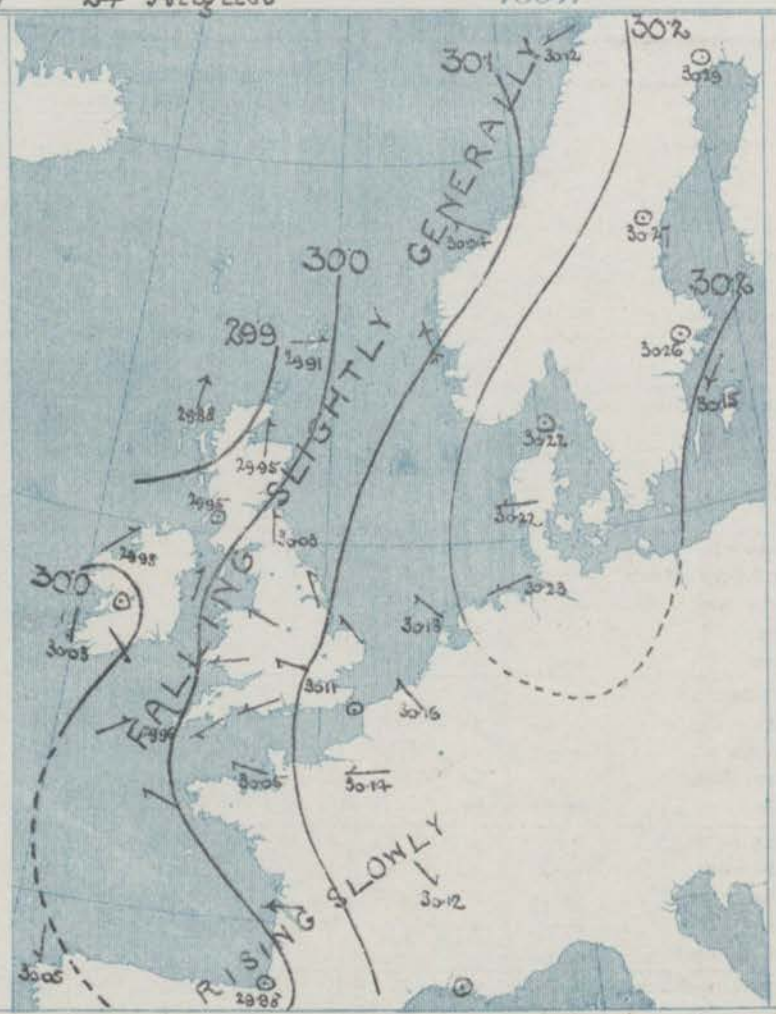
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871 — 1880.

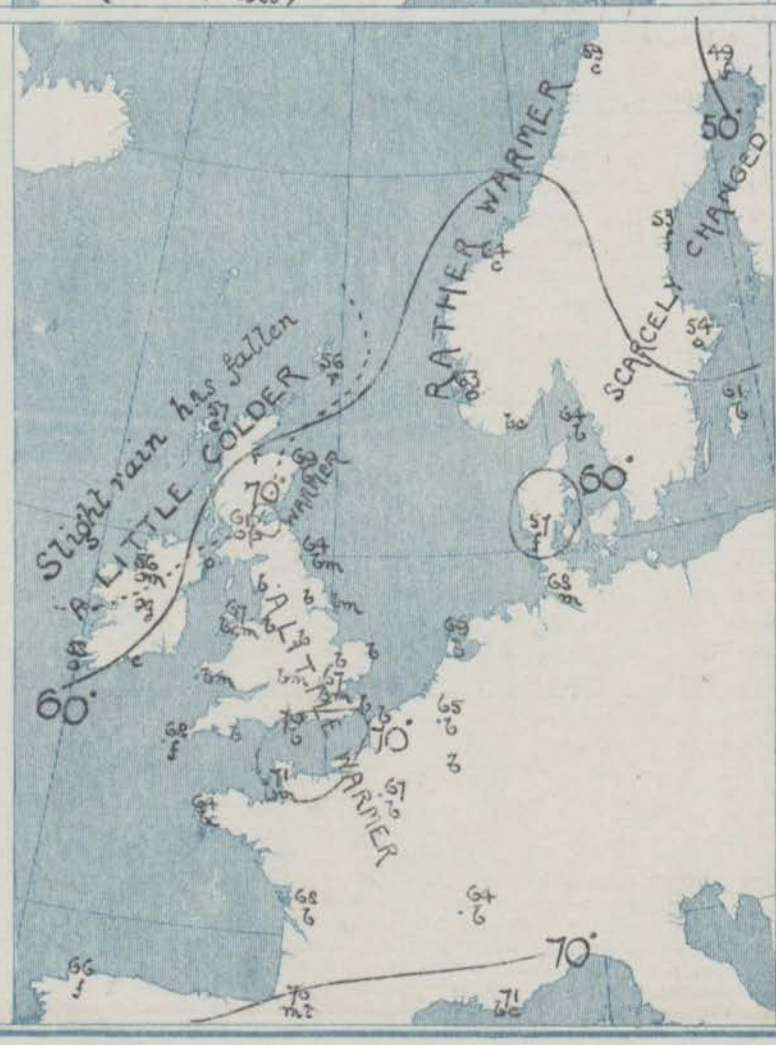
STATIONS.	MEAN READINGS
	29
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 862
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 850
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 899
Valencia	29 · 906
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather is shown by Letters of the Beaufort Scale.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·3in. or more, are quoted in figures.



MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE Dry Bulb.	TEMPERATURE Wet Bulb.	RAINFALL
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 93
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	63 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 6	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE — *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*

REMARKS.

for Sunday 24th August 1884, at 8 a.m.

The distribution of pressure over England, France and the North Sea has undergone little change since yesterday morning. On our western coast, however, a new area of high pressure has appeared, and a decided rise of the barometer is now taking place at the Irish stations. Temperature has risen in most places, the present readings ranging from 56° at Dumbrugh Head to 71° at Leith. The maximum readings recorded over England yesterday were as high as 86° at Hillington, 85° at Cambridge, 84° at Loughton, and in London, 83° at York and 80° at Leith. The wind is chiefly S.W. over Great Britain, but N.W. and N. breezes have set in over Ireland, while on the eastern shores of the North Sea variable breezes and calms are reported. Slight rain has fallen in the extreme north and north-east, but elsewhere the weather has been dry. Some cloud and mist prevails at the western stations, but elsewhere the barometer is at present fine and bright. The sea is moderate at Stornoway, slight or smooth in all other places.

FORECASTS

for the 24 hours ending at NOON on 25th August 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Fredk Dangerfield, Lith. London. 131.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnnes	30·21	66	58	S	6	c	3	Valencia	30·02	68	61	SW	3	b	3
Sumburgh Head	29·95	62	58	ENE	4	c	4	Scilly	30·00	70	66	ESE	4	b	4
Stornoway	29·90	58	57	S	6	r	5	Dungeness	30·11	71	65	ENE	3	b	2
Aberdeen	30·02	70	63	S	4	b	1	London	30·09	80	59	ESE	2	b	*
Shields	30·06	72	65	SE	3	bm	2	Yarmouth	30·15	69	55	SE	3	b	2
Ardrossan	30·02	64	64	SW	2	b	1	Jersey	30·02	80	69	ENE	2	b	2
Mullaghmore	29·97	71	62	SSW	4	bcv	3	Rochefort	30·02	87	74	NW	3	b	2
Holyhead	30·06	74	61	SSW	3	bm	2								

REMARKS.

No important change has occurred since the morning.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 25th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·15	45	Z	0	f	30·21	-·08	56	54	+7	SE	2	bc	*	61	39	-
Hernösand ...	30·21	51	Z	0	b	30·16	-·11	54	52	+1	Z	0	b	*	70	45	-
Stockholm ...	30·19	56	Z	0	b	30·13	-·13	61	58	+7	Z	0	b	*	68	50	-
Wisby	30·12	56	NE	4	b	30·07	-·08	60	57	-1	E	2	b	*	66	55	-
Bodö	30·04	60	Z	0	b	29·91	-·21	62	50	+3	ESE	4	b	2	72	39	-
Christiansund ...	29·97	60	NE	1	c	29·84	-·20	66	60	+2	SE	1	bc	1	66	54	-
‡Skudesnaes ...	30·07	64	SSE	6	bc	29·92	-·26	65	59	+2	SE	6	o	5	66	63	-
Oxö (Christiansund) ...	30·12	65	SE	2	m	30·04	-·21	60	58	0	NNW	2	m	2	73	57	-
Skagen (The Skaw)	30·15	65	Z	0	b	30·05	-·17	64	61	0	SSW	2	b	1	73	63	-
Fanö	30·13	62	Z	0	b	30·02	-·20	66	63	+9	SSE	3	b	*	68	58	-
Cuxhaven ...	30·16	60	NE	1	b	30·09	-·14	64	60	-4	S	2	b	*	?	55	-
‡Sumburgh Head	29·83	57	SE	2	o	29·67	-·04	52	50	-4	W	1	o	2	58	49	0·27
‡Stornoway ...	29·85	55	SW	4	o	29·97	+·09	50	48	-7	WSW	4	b	3	58	45	0·12
Wick	29·93	56	SW	1	n	29·94		52	49		NW	3	b	0	60	45	0·14
Nairn	29·87	58	SSW	2	o	29·98	+·08	51	47	-9	WNW	1	b	1	64	48	0·02
‡Aberdeen	29·89	60	NNW	3	n	29·97	+·02	52	49	-17	WNW	1	o	1	70	50	0·43
Leith	29·92	60	W	3	o	30·01	+·08	52	49	-19	NW	2	c	*	74	50	0·02
‡Shields	29·89	63	NE	2	bc	30·02	-·01	54	51	-10	W	3	o	2	79	52	0·05
Spurn Head ...	29·96	65	SE	4	bc	29·98	-·11	58	58	-4	NNE	4	n	2	69	58	-
York	29·93	80	S	2	b	30·02	-·05	56	54	-9	NNW	3	c	*	85	56	-
Loughborough...	29·95	78	SSE	1	b	30·02	-·06	57	56	-8	WNW	2	ogp	*	85	57	0·14
‡Ardrossan ...	29·95	56	NW	2	op	30·07	+·12	56	54	-5	WNW	4	b	3	61	52	0·04
‡Mullaghmore ...	29·99	57	WNW	5	o	30·17	+·19	54	51	-2	WNW	6	cp	5	61	51	0·07
Donaghadee ...	29·98	56	WSW	1	n	30·12	+·15	54	51	-6	NNW	3	b	1	65	47	0·04
Parsonstown ...	30·02	59	Z	0	o	30·24	+·21	48	46	-10	Z	0	b	*	65	42	-
Barrow-in-Furness	29·90	65	W	4	bc	30·05	+·02	56	51	-10	NNE	4	o	4	77	56	-
‡Holyhead ...	29·91	62	NW	3	bc	30·12	+·11	58	52	-9	NNW	6	b	5	73	55	-
Liverpool (Bidston)	29·94	65	WNW	2	bc	30·06	+·04	58	53	-11	NW	3	c	4	85	61	0·03
‡Valencia	30·06	58	WSW	1	o	30·26	+·23	59	50	+1	N	3	c	3	63	52	-
Roche's Point ..	30·04	62	NNW	4	c	30·20	+·17	55	50	-6	NNE	3	b	3	69	52	-
Pembroke ...	29·96	63	WNW	2	c	30·08	+·09	56	52	-9	N	6	c	3	70	55	-
‡Scilly	29·91	65	NNW	2	om	30·04	+·08	61	57	-7	N	6	o	6	70	59	-
Prawle Point ...	29·97	70	Z	0	c	29·98	-·05	61	60	-8	NNW	3	c	2	72	60	0·06
Hurst Castle ...	29·99	74	SSE	2	b	29·95	-·13	66	64	-4	NE	1	c	1	79	63	0·28
‡Dungeness ...	30·03	69	E	1	b	29·96	-·15	65	63	+5	ESE	1	c	1	75	59	-
‡London... ...	30·00	80	SSW	2	bv	29·97	-·14	66	62	-1	N	1	o	*	86	60	0·01
Oxford	29·99	72	SE	2	b	30·00	-·08	61	55	-5	NNW	4	og	*	84	60	0·02
Cambridge ...	30·02	77	SE	1	b	29·96	-·13	62	60	-6	N	1	o	*	86	58	0·06
‡Yarmouth ...	30·03	69	SSE	3	b	29·95	-·17	65	61	-2	NW	2	bc	1	71	60	-
The Helder ...	30·08	69	SE	1	b	29·97	-·21	64	59	-5	S	1	bc	7	81	55	-
Cape Griz Nez...	?	72	Z	0	b	?	?	68	64	+1	SW	1	c	0	79	58	-
‡Jersey	29·95	78	E	1	b	29·91	-·14	67	63	-4	ENE	2	ogmt	3	82	60	-
Brest	29·95	73	NNE	4	t	29·94	-·06	64	62	0	NNE	4	o	3	84	59	-
Lorient	29·96	74	S	3	b	29·93		67	61		SW	1	n	1	90	61	-
‡Rochefort ...	30·02	86	S	3	b	29·95	-·11	69	?	+1	NE	7	ot	2	99	64	0·12
Biarritz	29·88	89	E	4	bc	29·90	-·08	70	68	0	E	8	bt	1	91	68	0·04
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29·98	-·18	68	59	+3	Z	0	b	*	81	61	-
Charleville ...	?30·06	61	E	4	b	?30·00	-·23	59	54	+1	NE	3	b	*	?82	48	-
Paris	30·10	81	E	3	b	30·00	-·14	67	63	0	Z	0	o	*	*	*	-
Lyons	30·04	82	ESE	1	b	30·02	-·10	69	65	+5	S	1	b	*	89	54	-
Toulon	?30·25	73	SW	3	m	?30·25	·00	68	67	-3	E	3	m	2	82	64	-

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Monday 25th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

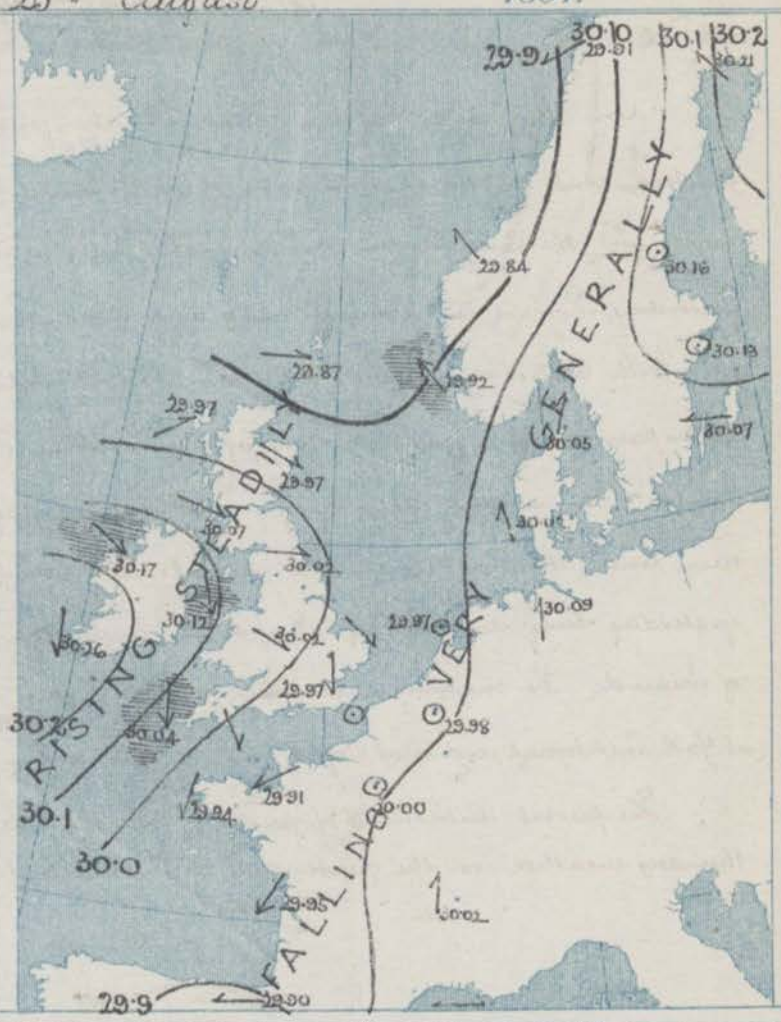
→ = forces above 10; → = forces 8 to 10;
→ = forces 5 to 7; → = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·829
Aberdeen	29·835
Leith	29·862
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·949
Dover	29·945
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather is shown by Letters of the Beaufort Scale.

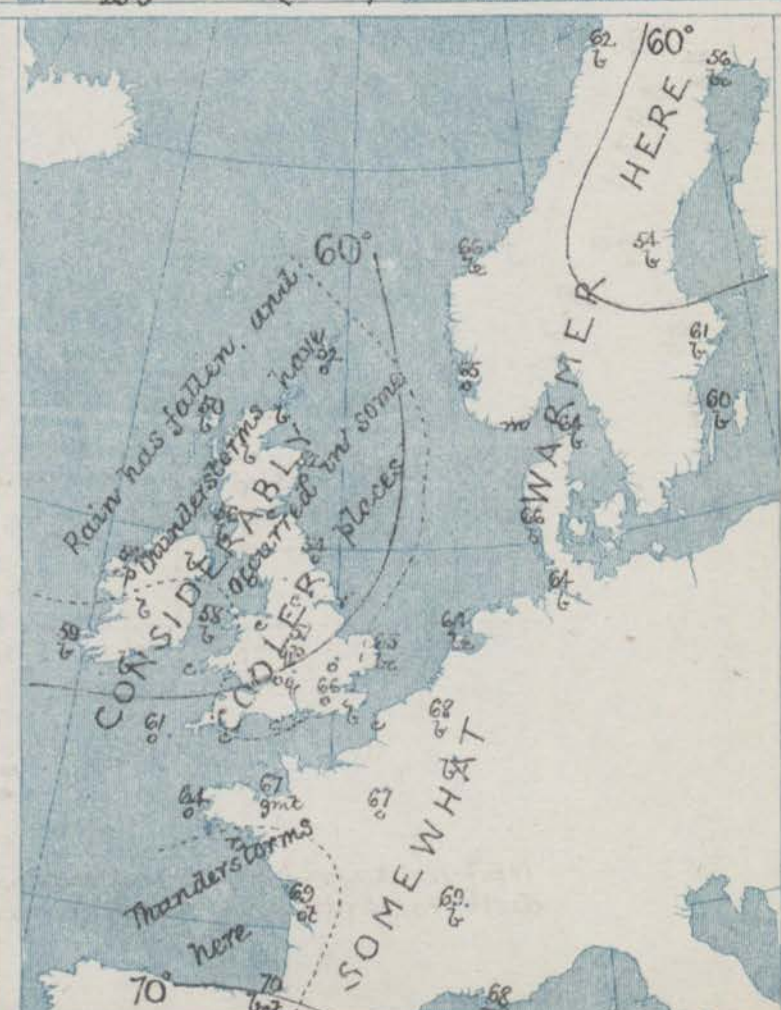
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins.
Sumburgh Head	54·1	52·4	3·49
Stornoway	55·8	53·3	3·62
Wick	55·6	53·6	2·43
Nairn	56·0	53·1	2·98
Aberdeen	56·8	53·9	3·33
Leith	58·1	55·2	2·62
Shields	58·0	55·3	2·79
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·9	2·93
Liverpool	59·2	56·1	2·65
Valencia	59·8	57·1	4·64
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	59·6	2·64
Dover	62·3	59·6	2·24
LONDON	61·9	58·5	2·45
Oxford	59·8	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·4	58·5	2·26

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 25th August. 1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has risen considerably over the western and north-western parts of our Islands, while it has fallen in the east and south, as well as at nearly all the Continental stations. The high pressure area which appeared over our extreme western stations yesterday morning is becoming more and more clearly marked, while that recently noticed to the eastward of the North Sea is dispersing. The wind, has shifted to NNW. or N. over England and Ireland, the change being accompanied by a great increase of cloud at the English stations and some rain. In Ireland and Scotland, however, the weather (after being unsettled yesterday) has cleared again today, while in the east of France rain and thunder are now prevalent. Temperature has fallen considerably, the change since 8 am. yesterday being as much as 10° at Leith, and from 5° to 11° over the more northern parts of England and the east of Ireland. The maximum readings yesterday were as high as 87° at Hillington (Norfolk), 86° in London and at Cambridge, 85° at York, Loughborough, and 81° at Oxford. Sea is moderate at the western stations, smooth in the south and east.

The present distribution of pressure, and the change in progress indicate the probability of changeable, showery thundery weather over the greater part of England and France

FORECASTS

for the 24 hours ending at NOON on 26th August. 1884.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W. or NW. breezes, light; fair generally.	6 SCOTLAND WEST	Same as No. 0 and 1.
1 SCOTLAND EAST	---- D° ---- D° ---- D° ----	7 ENGLAND N.W.	N. breezes, moderate or fresh; fair on the whole.
2 ENGLAND N.E.	N. to NE. breezes, light, changeable, rain at times, thunder locally.	8 ENGLAND S.W	Same as No 5.
3 ENGLAND EAST	---- D° ---- D° ---- D° ----	9 IRELAND NORTH	Same as No 7.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	N. breezes, moderate; fair.
5 ENGLAND SOUTH	NE. and N. breezes, moderate; dull, rain at times, some thunder.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London. (31.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.13	66	60	SSE	7	cmu	5	Valencia							
Sumburgh Head								Scilly							
Stornoway								Dungeness							
Aberdeen								London							
Shields								Yarmouth							
Ardrossan								Jersey							
Mullaghmore								Rochefort	30.08	82	72	SW	5	bc	2
Holyhead															

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 17th to the 23rd August.

The weather at the commencement of this week was hot and dry over England, but cooler and less settled over Ireland and Scotland. The thermometer rose to between 83° and 84° at many of the English stations on Sunday (the 17th) but after this a gradual fall took place, until the 19th. A well marked depression then appeared off our north-western coasts, while subsidiary disturbances passed over England, and these produced a temporary increase of cloud, showery weather, a decided fall of temperature, and a brief spell of N. and NW. breezes. The thermometer did not rise above 74° at any of our stations during the day, and fell to between 46° and 50° in the night. After this the weather improved generally. A complex anticyclonic system advanced over the Kingdom from the W., the winds fell light, the sky cleared, and the thermometer rose steadily from day to day, though the nights were cool and foggy, and heavy dews were reported. As the system passed eastwards the wind became S. on our western and north-western coasts, while it drew into E. or SE. over England. On the 20th the highest of the daily maxima over England varied from 70° to 74°, on the 21st they varied from 75° to 80°, on the 22nd they rose to between 79° and 82°, and on the 23rd to between 80° and 86°. The weather was then quiet and clear, and there was no indication of any important change.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Tuesday 26th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·08	50	2	0	b	30·01	-·20	56	52	0	S	4	b	*	63	41	-
Hernösand ...	29·99	55	2	0	b	29·89	-·27	58	55	+4	S	4	c	*	70	41	-
Stockholm ...	30·00	56	SE	2	b	29·89	-·24	59	54	-2	ESE	4	0	*	70	50	-
Wisby	29·96	57	ESE	4	b	29·88	-·19	69	55	-1	SSE	4	bc	*	66	52	-
Bodö	29·78	63	ENE	2	b	29·67	-·24	62	56	0	ESE	4	c	2	77	57	-
Christiansund ...	29·74	57	NW	4	f	29·69	-·15	50	48	-16	NW	5	r	4	3	46	0·59
‡Skudesnaes ...	29·84	54	WNW	4	r	29·78	-·14	52	48	-13	NW	6	c	4	66	?	-
Oxö (Christiansund) ...	29·75	66	SSW	4	o	29·72	-·32	54	49	-6	?	6	b	3	70	52	0·04
Skagen (The Skaw)	29·82	60	SSE	4	c	29·71	-·34	57	54	-1	W	4	o	2	73	55	0·24
Fanö	29·83	67	W	4	c	29·84	-·18	60	54	-6	NNW	6	b	*	75	54	0·20
Cuxhaven ...	29·93	64	S	1	b	29·87	-·22	63	59	-1	W	6	bc	*	65	57	-
‡Sumburgh Head	29·92	52	W	3	bc	29·90	+·03	50	47	-2	NNW	3	bc	3	57	47	0·01
‡Stornoway ...	30·09	53	WNW	4	c	30·08	+·06	50	48	0	WSW	3	op	3	59	44	0·11
Wick	30·02	53	NW	3	bc	29·99	+·05	51	49	-1	NW	3	bc	1	58	41	0·07
Nairn	30·08	54	S	0	bc	30·04	+·06	50	49	-1	S	0	c	1	60	47	-
‡Aberdeen	30·05	56	NNW	3	p	30·03	+·06	53	48	+1	WNW	3	c	1	63	45	0·02
Leith	30·08	58	NW	3	b	30·07	+·06	51	48	-1	W	1	omh	*	66	46	-
‡Shields	30·07	58	NNE	1	bc	30·11	+·09	49	46	-3	WSW	3	o	2	63	42	-
Spurn Head ...	30·06	58	N	5	b	30·10	+·12	53	51	-5	NW	4	c	3	59	49	0·06
York	30·08	63	N	3	bc	30·14	+·12	50	47	-6	NW	2	o	*	67	43	-
Loughborough ...	30·08	61	WNW	5	bc	30·16	+·14	52	48	-5	W	3	owm	*	67	43	-
‡Ardrossan ...	30·14	57	WNW	4	b	30·11	+·04	51	50	-5	WNW	2	o	2	61	50	0·09
‡Mullaghmore ...	30·26	55	WNW	5	bc	30·18	+·01	55	51	+1	W	5	opq	4	60	52	0·01
Donaghadee ...	30·21	56	NNE	3	bc	30·18	+·06	49	49	-5	W	2	r	0	62	46	0·05
Parsonstown ...	30·24	58	NNW	2	b	30·26	+·02	50	48	+2	S	0	oq	*	64	40	-
Barrow-in-Furness	30·16	55	N	4	b	30·14	+·09	53	48	-3	NW	3	oq	3	63	51	-
‡Holyhead ...	30·20	57	NNE	3	b	30·21	+·09	53	50	-5	WNW	3	c	3	59	52	-
Liverpool (Bidston)	30·15	59	WNW	4	b	30·15	+·09	54	48	-4	WNW	3	o	3	62	54	-
‡Valencia	30·34	57	N	3	bc	30·30	+·04	56	51	-3	WNW	2	o	2	63	51	-
Roche's Point ..	30·26	61	N	4	b	30·20	+·09	56	51	+1	WNW	3	o	3	66	48	-
Pembroke ...	30·18	59	NNE	5	b	30·20	+·15	52	49	-1	N	3	c	2	61	51	-
‡Scilly	30·17	60	NNE	6	c	30·25	+·21	60	54	-1	N	3	c	4	61	56	-
Prawle Point ...	30·14	60	NNE	3	c	30·23	+·25	61	54	0	N	2	b	2	69	48	-
Hurst Castle ...	30·06	60	NNE	4	m	30·13	+·18	55	51	-11	NNE	3	b	2	74	46	-
‡Dungeness ...	30·01	58	N	5	nq	30·10	+·14	56	51	-9	NW	3	bc	3	70	46	0·11
‡London	30·09	58	N	3	bc	30·16	+·19	54	48	-12	NW	1	b	*	68	49	-
Oxford	30·12	56	NW	5	b	30·17	+·17	54	49	-7	NW	3	b	*	64	45	0·04
Cambridge ...	30·06	59	N	1	bc	30·14	+·18	52	48	-10	N	1	b	*	66	43	0·24
‡Yarmouth ...	30·01	56	NNW	4	cq	30·06	+·11	56	53	-9	NW	3	op	4	65	50	0·17
The Helder ...	29·93	63	N	3	r	29·98	+·01	60	53	-4	N	4	c	3	73	60	0·08
Cape Griz Nez ...	?	59	NE	8	r	?	?	58	55	-10	N	8	b	6	72	54	0·08
‡Jersey	30·01	60	NE	5	qm	30·16	+·25	59	54	-8	NNE	4	bmw	3	68	54	0·23
Brest	30·06	61	N	7	o	30·22	+·28	53	51	+11	NE	5	b	2	84	50	-
Lorient	29·99	63	NNE	3	o	30·17	+·24	55	52	-12	N	7	b	3	77	52	0·24
‡Rochefort ...	29·97	71	NW	5	m	30·01	+·06	61	60	-8	NE	3	o	3	68	51	0·20
Biarritz	29·96	71	W	4	c	29·96	+·06	68	65	-2	W	7	cf	4	90	68	0·12
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29·99	+·01	58	51	-10	N	4	bc	*	80	?	0·16
Charleville ...	?29·86	71	NNW	3	o	29·88	-·12	57	54	-2	NNW	6	o	*	82	?	?
Paris	29·92	69	S	0	o	30·04	+·04	69	55	-8	NNW	7	o	*	*	*	0·24
Lyons	29·84	79	SSE	3	c	29·91	-·11	64	62	-5	S	1	r	*	89	63	0·08
Toulon	30·01	72	WNW	2	c	?30·10	-·15	70	68	+2	S	0	1m	2	81	63	-

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Tuesday 26th August 1884.

BAROMETER, WIND & SEA.

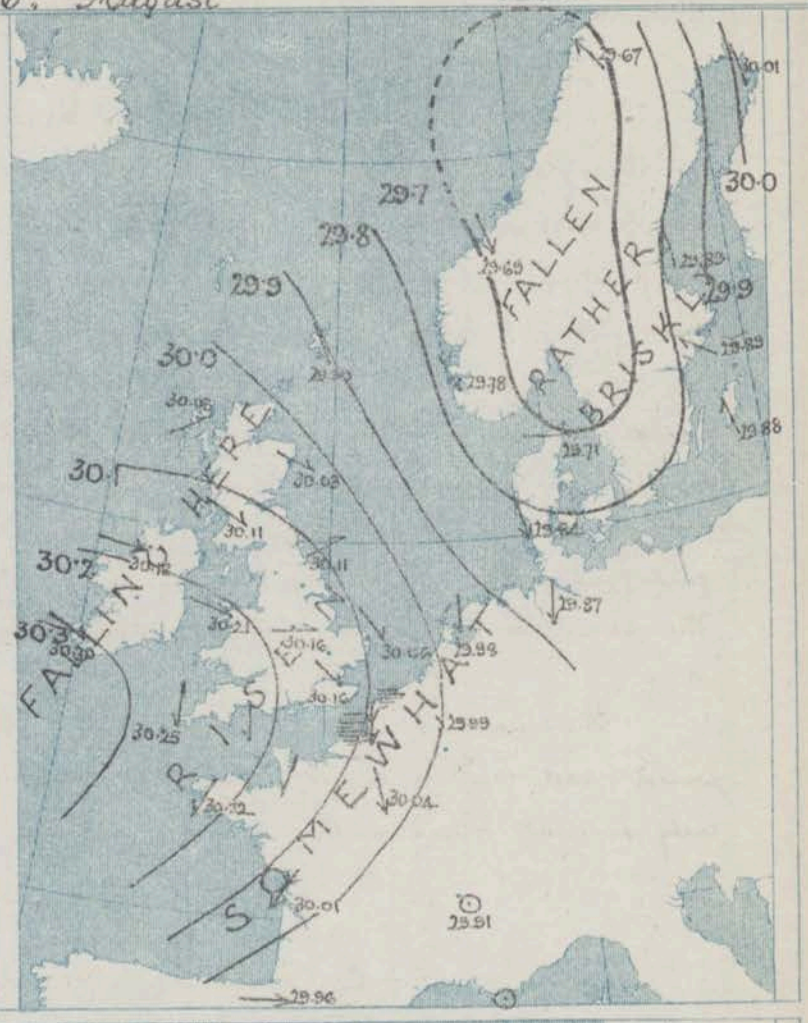
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟹ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn, thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August. During the 10 Years 1871—1880.

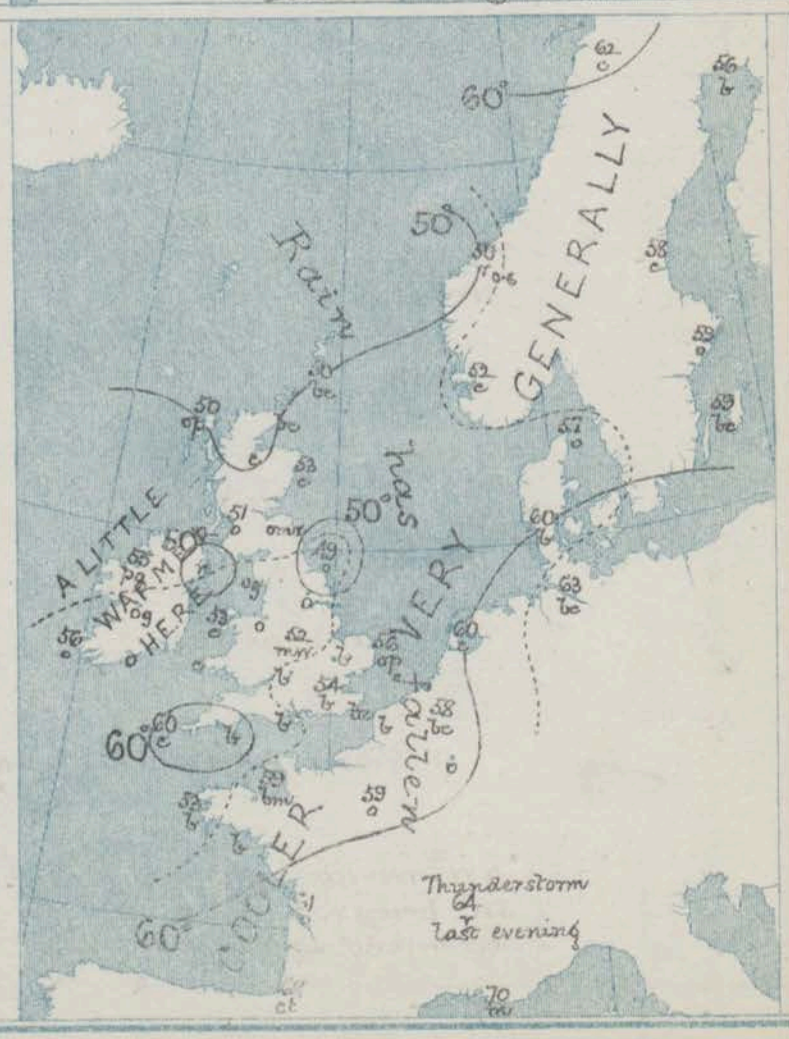
STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·878
Aberdeen	29·835
Leith	29·852
Shields	29·876
York	29·905
Ardrossan	29·856
Donaghadee	29·888
Holyhead	29·893
Liverpool	29·838
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Hurst Castle	29·940
Dover	29·946
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*



MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins.
Sumburgh Head	54·1	52·4	3·49
Stornoway	55·8	53·9	3·62
Wick	55·6	53·8	2·43
Nairn	56·0	53·1	2·99
Aberdeen	56·8	52·9	3·33
Leith	58·1	55·2	2·62
Shields	58·0	55·3	2·74
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·9	2·05
Liverpool	59·2	56·1	2·65
Valencia	58·8	57·1	4·64
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Hurst Castle	61·7	59·8	2·54
Dover	62·3	59·6	2·34
LONDON	61·9	58·5	2·45
Oxford	59·8	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·4	58·5	2·26

NOTE — *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*

REMARKS.

for Tuesday 26th August 1884 at 8 a.m.

The high pressure area noticed in the west yesterday has now spread eastwards over the whole of our Islands and the north of France, and readings vary from 30·30 ins: at Valencia to 29·8 ins: at Shoeburness and to 29·96 ins: at Biarritz. Temperature has again fallen over England, but has risen a little in Ireland; and readings are now low for the time of year. The maximum readings recorded over England yesterday were from fifteen to twenty degrees lower than those recorded on Sunday; and during the past night the thermometer has been as low as 43° in the shade at several of our inland stations. Moderate or light NW½W and N½W winds now prevail over Great Britain and the south of Ireland, but on our north-western coasts the wind is W½N, and is apparently backing. Over many parts of France the wind is blowing a moderate to fresh gale from the N.ward. Some rain fell yesterday in the south-east and south, but the weather there has since cleared. The general appearance of the sky, however, is unsettled, and at our extreme north-western rain has again set in. The sea is smooth off the east of Scotland, moderate or slight on our other coasts, rough at Cape Gris Nez.

The barometer is now falling again in the north-west, and this taken in connection with the backing wind and rain on our NW. coast, indicates the approach of a new depression from the Atlantic, and an early renewal of wet weather over our Islands generally.

FORECASTS

for the 24 hours ending at NOON on 27th August 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Weather becoming wet, squally and unsettled with varying SW. to NW. winds.	6 SCOTLAND WEST	SW½W to W½N or NW½W winds; drill squally, rain at times
1 SCOTLAND EAST	-----D°-------D°-------D°-----	7 ENGLAND N.W.	-----D°-------D°-------D°-----
2 ENGLAND N.E.	Same as No 5	8 ENGLAND S.W	Same as No 5.
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	Same as No 6 and 7
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	W½N and NW½W winds, increasing in force; fair to rainy.
5 ENGLAND SOUTH	NW½W winds, light, and fine, then SW½W breezes, warmer, but soon becoming squally and wet.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London. (13.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.87	54	61	SSE.	8	o	5	Valencia	30.81	61	54	N	3	b	4
Sumburgh Head	29.88	52	52	W	3	bc	3	Scilly	30.13	60	54	NNE	7	c	6
Stornoway	30.04	51	51	W	5	b	4	Dungeness	29.97	69	63	N	4	o q	3
Aberdeen	30.01	63	53	NNW	3	c	1	London	30.04	69	55	N	4	o	*
Shields	30.04	61	54	NW	4	c	2	Yarmouth	29.99	58	51	NNW	4	p	3
Ardrossan	30.11	60	51	NNW	5	b	3	Jersey	29.95	65	64	NNE	4	r	3
Mullaghmore	30.23	56	51	NW	6	c r p	5	Rochefort	30.00	78	72	SW	4	c	2
Holyhead	30.18	59	52	NNW	6	b	5								

REMARKS.

The barometer is now rising over the whole of our Islands and France; fair weather still prevails in the north and west, but in the south the sky is overcast and the appearance is rainlike. Temperature in London is 27° lower than it was at 2 p.m. yesterday. The sea is rough at Scilly, rather rough at Holyhead, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday 27th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.91	44	S	0	b	29.93	-.08	47	46	-9	S	0	b	*	57	42	-
Hernösand ...	29.88	50	S	2	b	29.96	+.07	54	51	-4	S	0	c	*	64	45	-
Stockholm ...	29.80	52	E	2	b	29.86	-.08	58	50	-1	ESE	4	b	*	61	50	-
Wisby	29.81	54	ESE	4	0	29.82	-.06	59	54	0	SE	4	b	*	66	52	-
Bodö	29.71	59	ENE	2	b	29.84	+.17	59	55	-3	SE	2	bc	1	66	55	-
Christiansund ..	29.67	50	NNW	*	n	29.73	+.04	51	50	+1	SE	3	b	4	52	46	1.38
‡Skudesnaes ...	29.78	50	NNW	2	n	29.73	-.05	51	49	-1	ESE	1	bc	4	55	50	-
Oxö (Xdansund) ...	29.73	54	W	6	b	29.73	+.01	50	47	-4	WNW	2	b	2	61	48	-
Skagen (The Skaw)	29.72	56	NNW	4	b	29.75	+.04	55	50	-2	SW	2	b	1	63	50	-
Fanö	29.85	52	W	1	c	29.82	-.02	57	51	-3	?W	3	b	*	63	46	0.12
Cuxhaven ...	29.91	56	N	5	bc	29.88	+.01	56	55	-1	W	1	bc	*	?	50	0.40
‡Sumburgh Head	29.95	51	NNW	4	c	29.90	.00	48	45	-2	N	4	c	3	54	41	-
‡Stornoway ...	30.04	54	NNW	2	c	29.92	-.11	50	49	0	E	2	ow	1	58	41	0.03
Wick	30.01	53	NW	2	bc	29.92	-.07	52	48	+1	NW	2	bc	1	58	57	0.03
Nairn	30.02	53	WNW	2	c	29.95	-.09	49	46	-1	S	0	b	1	57	40	-
‡Aberdeen	30.00	56	NNW	3	b	29.93	-.10	50	47	-3	NNW	3	b	1	60	45	0.04
Leith	30.01	58	WNW	2	c	29.94	-.13	52	48	+1	SE	1	c	*	65	49	0.04
‡Shields	30.00	54	NNW	2	0	29.93	-.18	51	50	+2	S	0	0	2	54	47	-
Spurn Head ...	30.03	53	NE	3	c	29.92	-.18	54	53	+1	NNW	3	cm	2	57	51	0.01
York	30.04	57	NW	2	c	29.94	-.20	51	48	+1	NW	1	0	*	61	47	-
Loughborough...	30.08	53	W	3	0	29.96	-.20	52	51	0	W	2	ogm	*	55	49	0.02
‡Ardrossan ...	30.04	55	WNW	2	c	29.93	-.18	51	50	0	E	1	owm	0	58	47	-
‡Mullaghmore ...	30.08	54	SSW	3	om	29.91	-.27	57	56	+2	W	2	oms	2	59	53	0.05
Donaghadee ...	30.09	53	WNW	1	0	29.95	-.23	53	52	+4	W	1	n	0	58	48	0.02
Parsonstown ...	30.12	55	SW	1	0	29.97	-.29	55	54	+5	S	0	0	*	58	49	-
Barrow-in-Furness	30.06	55	NW	3	0	29.94	-.20	52	50	-1	WSW	2	0	2	57	51	0.24
‡Holyhead ...	30.11	55	W	2	0	29.96	-.25	53	52	0	WNW	1	0	1	58	52	0.03
Liverpool (Bidston)	30.08	55	W	3	0	29.95	-.20	50	50	-4	ESE	1	f	2	58	?50	0.10
‡Valencia	30.13	57	WSW	3	nm	30.01	-.29	58	57	+2	NW	2	ows	1	60	55	0.18
Roche's Point ..	30.18	58	W	3	0	29.99	-.30	59	57	+3	WNW	2	o	3	62	53	0.01
Pembroke ...	30.13	57	WNW	4	0	29.97	-.26	58	54	+3	WNW	1	og	1	58	54	-
‡Scilly	30.16	59	NNW	4	0	29.98	-.27	61	59	+1	S	0	c	3	61	54	0.19
Prawle Point ...	30.16	55	NNW	2	0	30.01	-.22	56	54	-5	WSW	1	0	1	68	52	-
Hurst Castle ...	30.11	56	NNW	2	bc	30.06	-.13	54	57	-1	NNW	2	m	1	66	46	-
‡Dungeness ...	30.06	57	NW	4	0	29.96	-.14	54	51	-2	NNW	2	bc	2	64	?48	-
‡London... ...	30.08	55	WNW	3	bc	29.98	-.18	53	50	-1	WNW	1	0	*	61	49	-
Oxford	30.09	52	NW	2	0	29.97	-.20	53	50	-1	W	1	0	*	57	49	-
Cambridge ...	30.07	53	NW	1	0	29.95	-.19	53	51	+1	NW	1	0	*	58	43	0.01
‡Yarmouth ...	30.02	55	NNW	3	c	29.91	-.15	53	52	-3	WNW	2	b	2	63	44	0.03
The Helder ...	29.96	55	NNE	2	n	29.88	-.10	56	52	-4	ENE	1	0	1	61	52	0.51
Cape Griz Nez...	?	58	N	5	0	?	?	55	52	-3	?	3	b	2	66	54	—
‡Jersey	30.12	58	NW	2	ogm	30.02	-.14	57	53	-2	WNW	1	cg	1	62	51	-
Brest	30.19	58	N	5	0	30.07	-.15	57	55	+4	WNW	3	o	3	66	?	-
Lorient	30.16	62	N	7	bc	30.09	-.08	58	55	+3	N	4	o	1	68	52	-
‡Rochefort ...	30.10	69	NNE	7	c	30.06	+.05	59	54	-2	NNE	4	o	2	71	54	—
Biarritz	30.09	65	NW	5	b	30.05	+.09	65	58	-3	N	5	bc	2	75	63	0.98
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.92	-.07	62	50	+4	WSW	1	b	*	67	49	0.04
Charleville ...	?29.95	59	NNW	8	0	?29.92	+.04	49	46	-8	NNW	3	bc	*	68	46	-
Paris	30.02	66	N	7	bc	30.01	-.03	55	52	-4	NNE	3	0	*	*	*	-
Lyons	29.86	61	N	1	0	29.93	+.02	55	51	-9	NNW	3	c	*	73	52	0.35
Toulon	30.09	68	W	4	c	29.90	-.20	58	58	-12	NW	9	bc	6	82	55	-

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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Fred^k Daniel Field 13th London.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 27th *August* 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟷ = forces above 10, ⟷ = forces 8 to 10;
⟶ = forces 5 to 7, ⟶ = forces 1 to 4;
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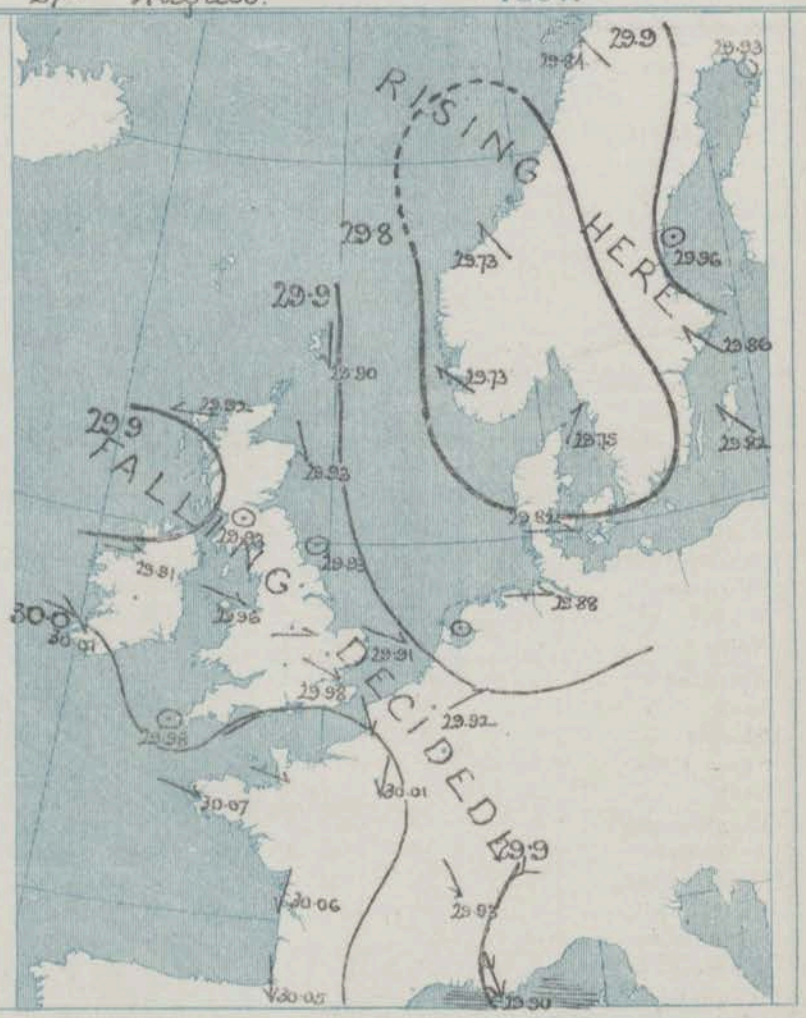
Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August
During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 852
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 888
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	52 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 83
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	63 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 46
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 36

NOTE — *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*

REMARKS.

for WEDNESDAY 27th August. 1884. at 8 a.m.

Since yesterday morning the barometer has fallen more or less decidedly in all parts of our islands, but during the night the change has been greater on our north-western coasts than elsewhere. Pressure is now high (relatively) both over the Bay of Biscay and Northern Europe; a shallow low pressure area lies over the southern parts of Scandinavia and the North Sea, another one is advancing towards Scotland from the westward, and a very shallow subsidiary disturbance is found near the mouth of the Bristol Channel. The winds reported are consequently ~~are consequently~~ very variable in direction, and (the gradients being slight) light in force. Temperature has risen a little in the west, but is still low generally for the time of year. The maximum readings recorded yesterday varied from only 57° to 61° over our inland counties, but 66° was recorded at Hurst Castle and 68° at Prawle Point. The minima during the night varied from 43° to 49° over the inland counties. Rain has fallen at most of the northern and western stations. A thunderstorm has occurred at Lyme. The sky is cloudy or overcast in most places, and rain is again falling on our north-western coasts. The sea is smooth.

As the depression in the north-west moves Eastwards or South-Eastwards cold showers will probably become general, and thunder in some places.

FORECASTS

for the 24 hours ending at NOON on 28th August. 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Varying winds; dull, cold, rainy, perhaps thunder locally.	6 SCOTLAND WEST	Wind chiefly NW½; weather unsettled, with rain at times.
1 SCOTLAND EAST	------ D° ------ D° ------ D° ----	7 ENGLAND N.W.	------ D° ------ D° ------ D° ----
2 ENGLAND N.E.	------ D° ------ D° ------ D° ----	8 ENGLAND S.W	------ D° ------ D° ------ D° ----
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	------ D° ------ D° ------ D° ----
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	------ D° ------ D° ------ D° ----
5 ENGLAND SOUTH	W½ and NW½ winds; dull, cold, rain at times.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnnes	29.79	53	49	WNW	7	A	4	Valencia	30.23	57	55	W	2	A m	3
Sumburgh Head	29.95	53	49	NNW	4	C	3	Scilly	30.24	60	53	NNW	4	O	4
Stornoway	30.04	57	51	NW	3	C	2	Dungeness	30.09	61	51	NW	4	O	4
Aberdeen	30.00	58	53	NNW	3	C	1	London	30.12	58	48	NNW	3	O	*
Shields	30.04	59	52	W	3	O	4	Yarmouth	30.06	58	53	NW	4	C	4
Ardrossan	30.07	56	54	WNW	2	C	2	Jersey	30.16	60	53	N	3	O	3
Mullaghmore	30.13	55	51	WSW	5	ONW	4	Rochefort	30.08	74	64	NE	8	C	4
Holyhead	30.15	58	54	WNW	4	C	3								

REMARKS.

No decided change has occurred since the morning, but the barometer is falling slowly except in the far N. . The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Thursday 28th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.82	58	Z	0	b	29.84	-.09	53	51	+6	N	2	r	•	61	32	-
Hernösand ...	29.97	50	Z	0	b	29.96	.00	52	50	-2	Z	0	b	•	?	43	-
Stockholm ...	29.95	51	ENE	2	b	30.00	+.14	59	54	+1	Z	0	b	•	61	50	-
Wisby	29.88	51	E	2	c	29.89	+.07	58	53	-1	E	4	bc	•	64	50	-
Bodö	29.89	58	Z	0	c	29.90	+.06	57	55	-2	Z	0	c	0	64	52	-
Christiansund ...	29.81	56	Z	0	b	29.81	+.08	59	51	+8	ESE	2	b	2	68	50	-
‡Skudesnaes ...	29.80	55	ESE	4	bc	29.81	+.08	57	50	+6	ESE	6	c	4	59	?	-
Oxö (Xtiansund) ...	29.84	57	SSE	2	b	29.85	+.12	54	50	+4	NE	4	b	2	70	50	-
Skagen (The Skaw)	29.81	57	NW	2	b	29.86	+.11	57	53	+2	SE	2	0	1	61	52	0.20
Fanö	29.82	55	E	2	b	29.82	.00	56	54	-1	SE	4	bo	•	61	50	-
Cuxhaven ...	29.88	53	W	1	b	29.88	.00	55	54	-1	S	2	m	•	?	45	-
‡Sumburgh Head	29.78	50	NE	2	b	29.53	-.37	53	50	+5	SE	4	bc	4	55	44	0.02
‡Stornoway ...	29.68	53	SE	3	om	29.40	-.52	49	48	-1	?	3	r	3	55	47	0.50
Wick	29.78	52	SE	2	b	29.52	-.40	49	49	-3	S	5	ru	4	55	47	0.08
Nairn	29.74	53	SE	1	bc	29.48	-.47	48	46	-1	E	1	o	1	55	46	0.17
‡Aberdeen	29.80	53	SSE	2	b	29.57	-.36	51	50	+1	SSE	4	r	2	57	47	0.35
Leith	29.78	53	SE	1	o	29.52	-.42	50	49	-2	SE	1	o	•	56	46	0.13
‡Shields	29.82	53	Z	0	o	29.56	-.37	51	51	0	SE	4	d	3	55	43	0.18
Spurn Head ...	29.82	52	NE	2	c	29.58	-.34	55	55	+1	S	4	om	3	57	50	0.13
York	29.83	52	SE	1	o	29.57	-.37	54	53	+3	S	1	m	•	58	48	0.28
Loughborough...	29.83	53	W	2	r	29.62	-.34	57	54	+5	W	5	c	•	59	51	0.27
‡Ardrossan ...	29.75	52	SE	2	r	29.52	-.41	54	53	+3	Z	0	c	0	56	48	0.67
‡Mullaghmore ...	29.70	56	WNW	6	rg	29.60	-.31	50	49	-1	WSW	6	opq	5	59	49	0.46
Donaghadee ...	29.73	52	SSE	3	r	29.68	-.27	55	52	+2	NW	2	b	0	55	50	0.88
Parsonstown ...	29.77	59	SW	2	r	29.71	-.26	57	49	-4	W	1	o	•	61	47	0.27
Barrow-in-Furness	29.79	53	NW	2	r	29.54	-.40	54	53	+2	NW	4	ep	5	65	57	0.47
‡Holyhead ...	29.77	55	S	2	r	29.65	-.31	56	52	+2	WNW	6	c	5	59	53	0.50
Liverpool (Bidston)	29.80	53	S	5	r	29.60	-.35	57	53	+7	W	5	bc	5	58	50	0.75
‡Valencia	29.86	58	WNW	3	om	29.77	-.24	54	52	-4	W	4	og	5	61	51	0.10
Roche's Point ..	29.86	63	WNW	2	c	29.75	-.24	54	51	-5	W	3	bc	3	64	50	0.23
Pembroke ...	29.79	59	W	2	r	29.71	-.26	56	50	-2	WNW	5	c	3	60	56	0.12
‡Scilly	29.86	61	NW	3	om	29.79	-.19	57	56	-4	NW	4	op	5	67	56	0.12
Prawle Point ...	29.87	58	SSW	4	r	29.75	-.26	58	57	+2	W	3	c	3	60	55	0.31
Hurst Castle ...	29.86	57	W	5	r	29.71	-.29	59	57	+5	WNW	4	c	3	62	53	0.87
‡Dungeness ...	29.87	55	W	1	r	29.70	-.26	61	60	+7	SW	6	r	5	63	54	0.38
‡London	29.84	56	WSW	2	or	29.68	-.30	60	59	+7	WSW	1	r	•	60	53	0.27
Oxford	29.83	55	SW	1	r	29.66	-.31	57	56	+4	W	2	c	•	58	53	0.45
Cambridge ...	29.84	55	SW	1	r	29.62	-.33	58	58	+5	SW	1	r	•	58	52	0.40
‡Yarmouth ...	29.82	55	W	1	c	29.64	-.27	58	57	+5	S	2	or	3	58	50	0.12
The Helder ...	29.83	53	S	1	r	29.73	-.15	54	54	-2	S	3	r	2	61	52	0.28
Cape Griz Nez...	?	57	SW	7	o	?	?	61	58	+6	SW	7	r	5	63	54	0.32
‡Jersey	29.91	59	WSW	3	o	29.78	-.24	60	60	+3	WSW	5	orm	4	61	57	0.09
Brest	29.95	59	SSW	4	f	29.85	-.22	60	60	+3	W	4	m	3	66	54	-
Lorient	29.99	62	W	4	o	29.87	-.22	61	60	+3	W	5	o	3	68	54	-
‡Rochefort ...	30.06	64	NW	5	c	30.01	-.05	61	59	+2	SSW	5	o	2	68	54	-
Biarritz	30.04	64	N	4	bc	29.96	-.09	58	57	-1	E	4	b	2	68	55	-
Corunna	•	•	•	•	•												
Brussels	•	•	•	•	•	29.80	-.12	55	54	-1	SSW	5	r	*	?	52	0.08
Charleville ...	? 29.88	56	NW	4	b	? 29.89	-.03	54	48	+5	WSW	4	o	*	63	45	-
Paris	29.96	56	NNW	4	o	29.91	-.10	61	57	+6	NNW	5	o	•	•	•	-
Lyons	29.98	55	NW	1	o	30.03	+.10	50	45	-5	WNW	1	b	•	59	45	0.04
Toulon	29.94	60	N	9	bc	29.99	+.09	54	47	-4	SW	7	bc	5	72	52	-

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Prest Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Thursday 28th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

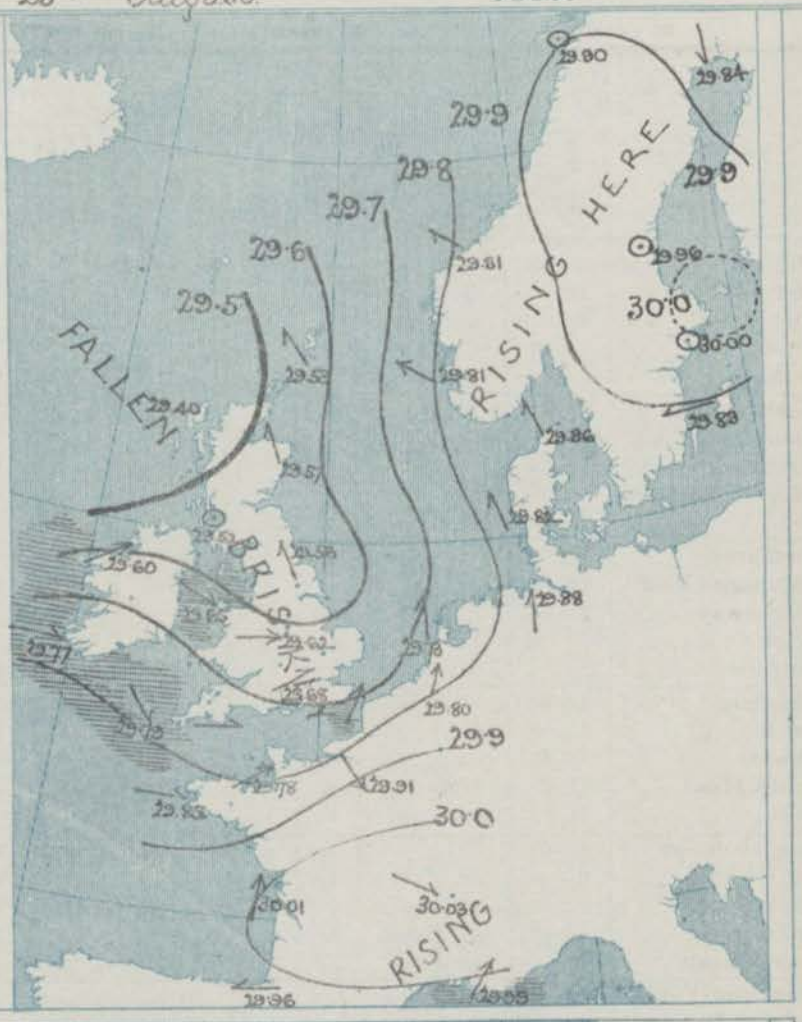
⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 851
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 947
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather is shown by Letters of the Beaufort Scale.

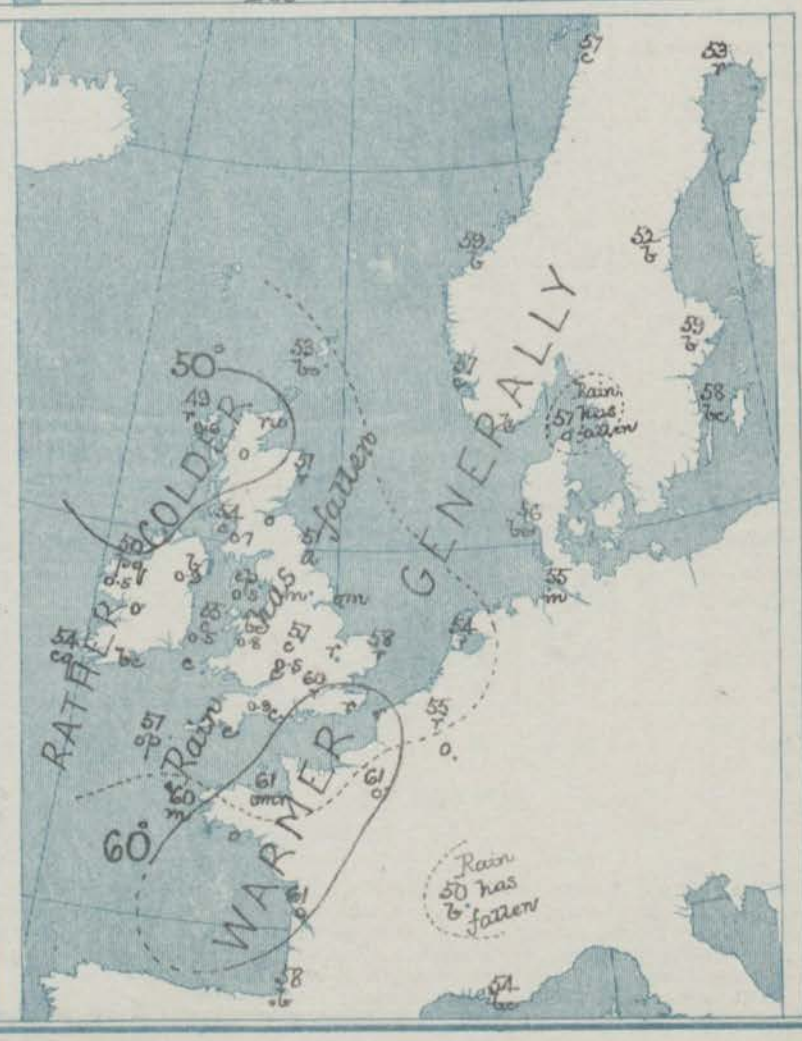
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE Dry Bulb. °	TEMPERATURE Wet Bulb. °	RAINFALL ins
Sumburgh Head	54 · 1	52 · 4	3 · 40
Stornoway	55 · 8	53 · 2	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 8	3 · 32
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	56 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 83
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 6	2 · 54
Dover	62 · 3	59 · 6	2 · 34
LONDON	61 · 9	58 · 6	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 5	2 · 26

NOTE – *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*



REMARKS.

for Thursday 28th August. 1884. at 8 a.m.

The weather over the British Islands is in a showery unsettled condition generally.

The depression noticed in the north-west yesterday has moved very slowly in a NE^{ly} direction, and the shallow subsidiary disturbance in the west has travelled across England to the North Sea, while the larger depression which lay over Norway has dispersed – its place being occupied by an anticyclonic system this morning. The wind has consequently become S^{ly} and SE^{ly} on our north and north-east coast, while it is W^{ly} in the western and southern districts, and S^{ly} in the east. Temperature has risen except in the west. In London the 8 a.m. reading today is 60° i.e. 2° higher than the maximum of yesterday. Rain has fallen in all parts of the Kingdom, heavily at several stations; in the north and east the fall continues, but at most of our western stations it has ceased and the sky has cleared considerably. The general appearance of the sky is, however, still showery and unsettled. The sea is rather rough in the west and south, slight in the north-east and east.

With the present complex distribution of pressure showers and bright intervals are probable in all parts of the Kingdom.

FORECASTS

for the 24 hours ending at NOON on 29th August. 1884.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S^{ly} and SE^{ly} breezes, fresh; rainy to fair.	6 SCOTLAND WEST	W^{ly} and SW^{ly} breezes, fresh; cloudy, rain at times.
1 SCOTLAND EAST	------D°------D°------D°------	7 ENGLAND N.W.	------D°------D°------D°------
2 ENGLAND N.E.	S^{ly} to SW^{ly} breezes, moderate or light; showery	8 ENGLAND S.W	Same as No 5.
3 ENGLAND EAST	------D°------D°------D°------	9 IRELAND NORTH	Wind returning to SW^{ly}, with showery unsettled weather
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	------D°------D°------D°------
5 ENGLAND SOUTH	W^{ly} and SW^{ly} breezes, moderate; showery with bright intervals.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (73).

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.75	59	52	SSE	1	b	3	Valencia	29.94	60	60	WNW	2	o m	3
Sumburgh Head	29.83	53	49	NNE	2	bc	2	Scilly	29.92	66	63	WSW	1	o	3
Stornoway	29.79	54	50	SE	3	o	2	Dungeness	29.90	61	54	WNW	2	o	2
Aberdeen	29.85	54	48	NNE	3	b	1	London	29.90	59	52	WSW	2	o	*
Shields	29.86	54	52	NNW	2	o	2	Yarmouth	29.89	55	52	N	1	c	3
Ardrossan	29.84	53	52	SE	1	o	1	Jersey	29.96	58	55	WSW	3	o	3
Mullaghmore	29.80	58	59	W	4	o r m	2	Rochefort	30.06	66	64	NW	4	c	2
Holyhead	29.88	55	54	SSW	2	r	2								

REMARKS.

The barometer continues to fall very generally – most in the north west – and the depressions noticed in the west and north west this morning are moving slowly to the eastward, but beyond this very little change has occurred. The sea is slight or smooth on all our coasts.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 29th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direct.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direct.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.93	43	N	0	b	29.98	+.14	48	45	-5	N	4	b	*	57	39	-
Hernösand ...	29.95	50	N	0	b	30.04	+.08	57	54	+5	NE	4	0	*	52	41	-
Stockholm ...	30.02	53	SSW	2	b	30.04	+.04	58	54	-1	N	0	b	*	64	48	-
Wisby	29.98	51	SE	4	b	29.97	+.08	56	54	0	SE	4	c	*	64	48	-
Bodö	29.89	55	ENE	2	b	29.91	-.01	58	55	+1	NE	4	b	2	63	52	-
Christiansund ...	29.79	59	ENE	1	c	29.76	-.05	61	52	+2	SE	3	b	1	64	54	-
‡Skudesnaes ...	29.71	61	ESE	6	0	29.63	-.18	62	55	+5	SE	6	r	r	63	57	-
Oxö (Udansund) ...	29.81	61	ESE	6	c	29.75	-.10	59	57	+5	ESE	8	r	5	66	?	0.12
Skagen (The Skaw)	29.86	59	SSE	4	c	29.82	-.04	61	58	+4	SE	6	0	5	64	53	-
Fanö	29.78	60	SE	6	0	29.69	-.13	59	54	+3	SSE	6	c	*	64	54	0.28
Cuxhaven ...	29.81	52	S	4	bc	29.79	-.09	59	58	+4	E	3	r	*	?	44	0.34
‡Sumburgh Head	29.55	54	SE	5	c	29.42	-.11	54	51	+1	SSE	7	b	7	58	48	0.39
‡Stornoway ...	29.44	52	SSW	1	cp	29.43	+.03	50	49	+1	W	4	c	3	56	44	0.19
Wick	29.45	52	S	1	r	29.45	-.07	49	49	0	WSW	2	r	1	53	43	0.65
Nairn	29.43	56	ESE	1	0	29.49	+.01	52	50	+4	ESE	1	0	1	58	47	0.10
‡Aberdeen	29.41	52	NW	1	bc	29.52	-.05	53	50	+2	WSW	1	b	0	53	40	0.73
Leith	29.45	53	W	1	c	29.55	+.03	53	49	+3	WNW	1	bf	*	61	44	0.01
‡Shields	29.51	56	WSW	3	bc	29.59	+.03	51	49	0	WSW	3	b	3	61	45	-
Spurn Head ...	29.58	60	W	4	bc	29.61	+.03	54	52	-1	NW	3	bm	3	63	52	-
York	29.57	59	W	3	b	29.60	+.03	59	52	+5	WNW	1	c	*	65	49	0.01
Loughborough...	29.62	59	W	3	0	29.65	+.03	54	51	-3	W	3	cw	*	66	48	-
‡Ardrossan ...	29.47	54	WSW	2	cp	29.57	+.05	55	52	+1	W	2	c	2	58	48	0.15
‡Mullaghmore ...	29.52	52	W	5	0	29.64	+.04	54	50	+4	WNW	5	c	4	58	49	0.49
Donaghadee ...	29.52	50	WNW	1	0	29.63	+.05	53	51	-2	WNW	2	bc	0	60	43	0.13
Parsonstown ...	29.60	53	SW	2	r	29.74	+.03	50	48	-1	N	0	c	*	58	43	0.24
Barrow-in-Furness	29.50	55	SW	4	c	29.59	+.05	52	50	-2	NW	2	c	3	59	50	0.18
‡Holyhead ...	29.51	56	SW	4	c	29.67	+.02	53	50	-2	WNW	5	bc	4	60	50	0.04
Liverpool (Bidston)	29.58	55	SW	3	bc	29.65	+.05	49	48	-8	W	3	r	4	61	47	0.73
‡Valencia	29.70	54	W	5	cqm	29.55	+.08	54	51	0	NW	5	cq	5	59	50	0.29
Roche's Point ..	29.68	56	WNW	4	c	29.82	+.07	55	51	+1	WNW	4	c	4	60	50	0.02
Pembroke ...	29.64	57	W	5	c	29.74	+.03	55	49	-1	WNW	5	bcq	4	60	52	0.06
‡Scilly	29.76	58	WNW	5	0	29.83	+.04	59	54	+2	WNW	6	cq	6	61	53	0.16
Prawle Point ...	29.74	58	W	3	c	29.77	+.02	57	52	-1	WNW	4	b	4	64	52	-
Hurst Castle ...	29.69	61	WNW	4	c	29.71	.00	56	52	-3	W	5	b	3	67	52	-
‡Dungeness ...	29.68	62	SW	5	c	29.70	.00	57	54	-4	WSW	4	c	3	65	54	0.18
‡London... ...	29.66	59	WSW	3	cp	29.68	.00	57	52	-3	W	2	b	*	68	51	0.18
Oxford	29.67	56	SW	3	0	29.69	+.03	54	51	-3	W	3	b	*	65	50	0.01
Cambridge ...	29.62	60	SSW	1	0	29.67	+.05	55	52	-3	SW	1	c	*	67	50	0.02
‡Yarmouth ...	29.62	63	SW	1	bc	29.64	.00	55	52	-3	WSW	2	bc	2	64	51	0.10
The Helder ...	29.67	60	WSW	1	0	29.65	-.08	59	56	+5	SW	3	0	2	61	54	1.10
Cape Griz Nez...	?	60	WSW	7	0	?	?	56	55	-5	WNW	4	r	4	66	55	0.16
‡Jersey	29.77	59	W	4	cmu	29.79	+.01	58	55	-2	W	5	bcp	3	64	53	0.15
Brest	29.85	59	W	3	0	29.86	+.01	55	52	-5	WNW	5	0	4	63	54	0.04
Lorient	29.86	62	NW	5	0	29.90	+.03	59	53	-2	NW	7	c	3	68	54	-
‡Rochefort ...	29.96	68	SW	5	bc	29.97	-.04	63	59	+2	NW	5	0	2	72	55	0.08
Biarritz	29.91	68	N	4	b	29.99	+.03	62	61	+4	N	4	r	2	73	?	0.08
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.73	-.07	56	55	+1	SSE	1	r	*	63	55	1.06
Charleville ...	29.80	65	SE	4	0	? 29.75	-.14	58	54	+4	SSW	1	0	*	70	52	0.20
Paris	29.88	61	SSW	4	0	29.84	-.07	58	55	-3	NW	4	0	*	*	*	0.59
Lyons	29.91	63	E	1	b	29.92	-.11	56	54	+6	SSE	1	0	*	71	?	-
Toulon	30.06	63	NW	4	m	30.12	+.13	63	59	+9	E	4	0	2	75	?	-

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Frederick Dangerfield, Lith. London.

WEATHER CHARTS

for 8 a.m. on Friday, 29th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

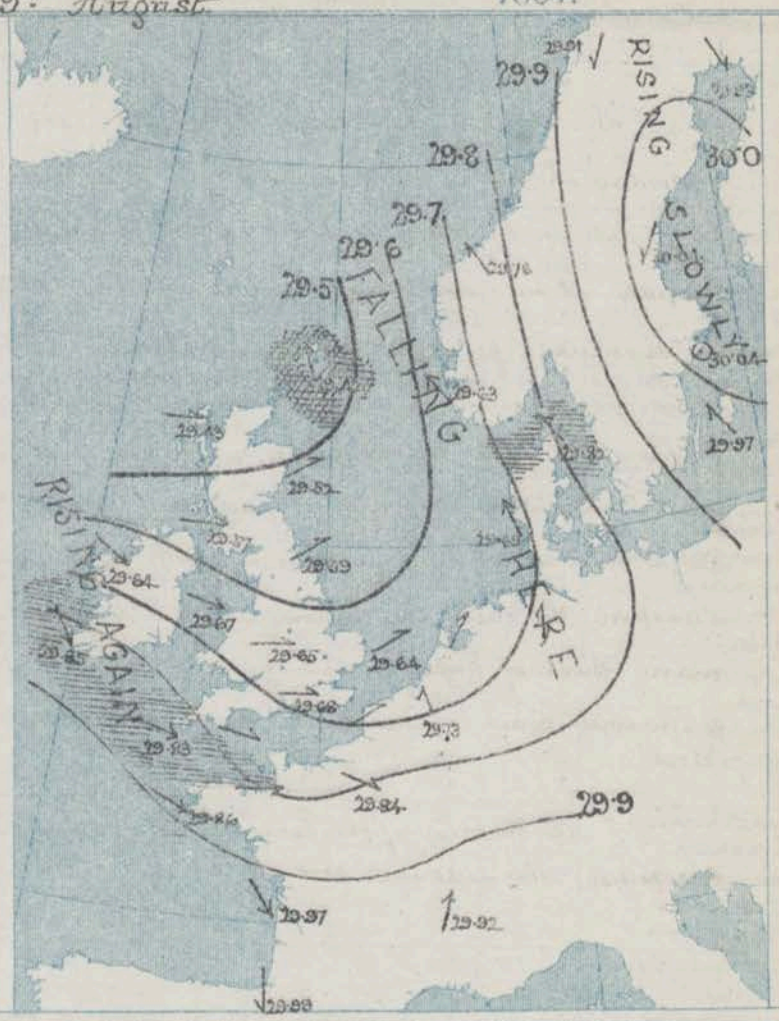
⟹ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shown thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29·806
Stornoway	29·800
Wick	29·822
Nairn	29·879
Aberdeen	29·835
Leith	29·852
Shields	29·876
York	29·905
Ardrossan	29·866
Donaghadee	29·868
Holyhead	29·893
Liverpool	29·898
Valencia	29·908
Roche's Point	29·908
Pembroke	29·910
Scilly	29·951
Burst Castle	29·949
Dover	29·946
LONDON	29·943
Oxford	29·929
Cambridge	29·929
Yarmouth	29·929



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather — *is shown by Letters of the Beaufort Scale.*

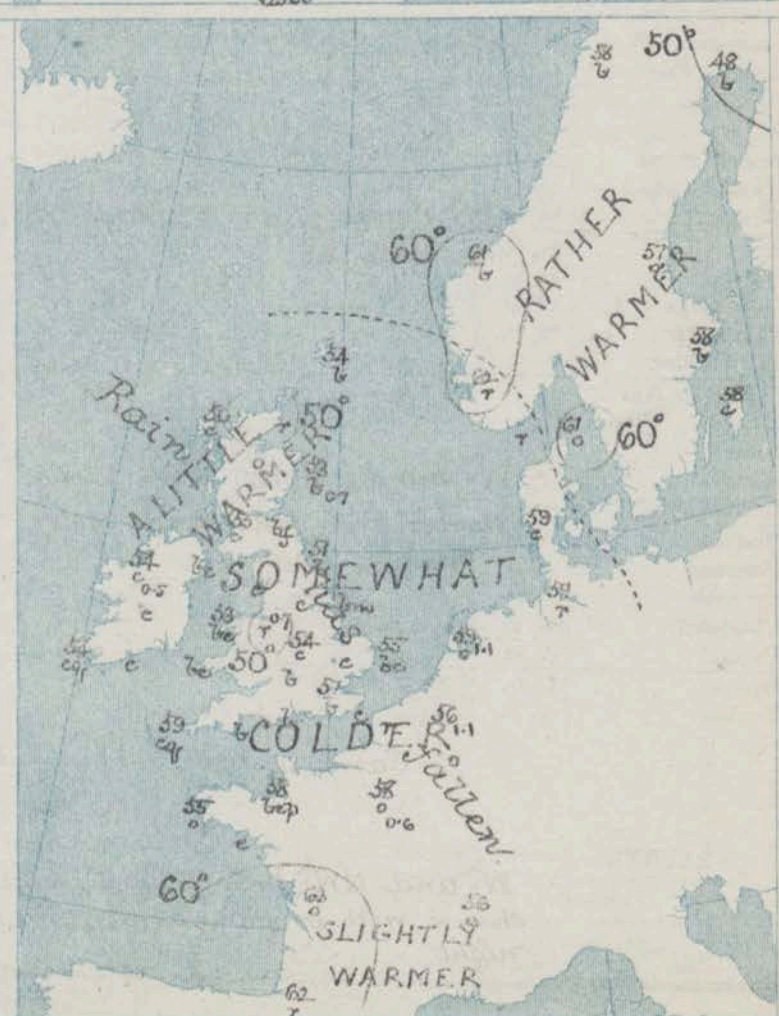
Rainfall — *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE Dry Bulb.	TEMPERATURE Wet Bulb.	RAINFALL
	°	°	ins.
Sumburgh Head	54·1	51·4	3·49
Stornoway	54·8	52·9	3·62
Wick	55·6	53·6	2·43
Nairn	56·0	53·1	2·99
Aberdeen	56·8	53·9	3·23
Leith	58·1	55·7	2·02
Shields	58·0	55·3	2·74
York	58·7	56·0	2·57
Ardrossan	57·8	55·0	4·19
Donaghadee	57·3	55·9	3·09
Holyhead	58·9	56·9	2·83
Liverpool	59·2	56·1	2·65
Valencia	59·6	57·1	4·64
Roche's Point	59·4	56·8	3·66
Pembroke	59·4	57·1	3·11
Scilly	61·3	59·3	2·63
Burst Castle	61·7	59·8	2·54
Dover	63·3	59·6	2·24
LONDON	61·9	58·5	2·45
Oxford	59·8	57·3	2·46
Cambridge	60·7	57·9	2·26
Yarmouth	61·9	58·5	2·26

NOTE – *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*



REMARKS.

for Friday 29th August 1884 at 8 a.m.

The relative distribution of pressure over North-western Europe differs very little from that of yesterday — the chief alteration being that both the depression in the north, and the "hollow" over the North Sea lie a little to the north eastward of the positions they then occupied. The barometer is now rising somewhat decidedly at our western and southern stations, while it is falling on the eastern shores of the North Sea. Temperature has decreased a few degrees over England and the north of France, but has increased in Scotland, while in Ireland it has not changed much. The maximum temperatures recorded over England yesterday varied from 63° to 68°. Moderate to fresh WNW½W winds now prevail at our western stations, and moderate W½N winds over England, while in Scotland SW½W and W½N airs are reported. On the eastern shores of the North Sea the wind is still SE½E, — and is strong to a gale in force. Showers of rain have fallen in almost all parts of the Kingdom; at Liverpool the rain was heavy, and thunder and lightning occurred early this morning. The sky is now clear in many parts of England, but the appearance is still showery and rather unsettled. The sea is rough on our south-west coast, moderate in the west and south, smooth in the north east and east.

As the rise of the barometer in the west and south continues some improvement in the weather there may be expected; the ~~night will probably be clear and cold over England.~~

FORECASTS

for the 24 hours ending at NOON on 30th August 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W½N breezes, light to moderate, some showers.	6 SCOTLAND WEST	NW½N or W½N breezes, moderate or fresh; showery.
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	..... D° ..... D° ..... D° .....
2 ENGLAND N.E.	W½N breezes, light; some slight showers then finer and cooler.	8 ENGLAND S.W	NW½N and W½N breezes, fresh, showery to fair, cool at night.
3 ENGLAND EAST	..... D° ..... D° ..... D°	9 IRELAND NORTH	..... D° ..... D° ..... D° .....
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	W½N and NW½N breezes, light; some showers, with bright intervals, cold at night.	WARNINGS	None issued.

Fredk Dangerfield, Lith., London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.76	63	55	ESE	6	c	4	Valencia	29.74	54	52	WNW	5	o q p	5
Sumburgh Head	29.69	56	53	SE	5	c	5	Scilly	29.79	60	55	WNW	4	c	5
Stornoway	29.42	52	51	SSW	3	r	3	Dungeness	29.69	64	61	WSW	4	o	5
Aberdeen	29.48	53	52	SE	3	r	2	London	29.72	68	57	W	3	bc	*
Shields	29.51	60	56	WSW	4	c	3	Yarmouth	29.62	64	58	WNW	3	bc	3
Ardrossan	29.50	55	53	W	2	o	2	Jersey	29.78	63	60	W	4	o	4
Mullaghmore	29.55	56	51	W	6	cp	5	Rochefort	29.99	?70	63	SSW	4	c	2
Holyhead	29.64	56	52	SW	4	p	3								

REMARKS.

No important change has occurred since the morning beyond the clearing of the weather over our southeastern and eastern counties. The sea is rather rough in the west and south.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday 30th August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·12	42	W	0	b	30·13	+·15	51	48	+3	W	0	0	*	55	37	-
Hernösand ...	30·07	54	NE	2	0	29·99	-·05	53	50	-4	N	2	c	*	63	41	-
Stockholm ...	29·96	53	W	0	b	29·90	-·14	55	53	-3	W	0	bc	*	66	46	-
Wisby	29·96	53	SE	2	b	29·90	-·07	58	55	0	SSE	4	bc	*	64	48	-
Bodö	29·94	59	ENE	2	b	29·95	+·04	56	51	-2	ENE	4	b	2	70	52	-
Christiansund ...	29·72	61	SE	3	b	29·70	-·06	62	54	+1	E	2	bc	2	68	54	-
‡Skudesnaes ...	29·61	59	SSE	6	r	29·72	+·09	56	54	-6	SE	4	r	4	?	?	-
Oxö (Christiansund) ...	29·70	61	SSE	8	0	29·73	-·02	56	55	-3	S	2	r	4	61	55	0·51
Skagen (The Skaw)	29·81	61	S	6	0	29·76	-·06	56	55	-5	SW	2	r	2	61	55	0·24
Fanö	29·71	55	SSW	1	r	29·76	+·07	58	55	-1	WSW	4	c	*	64	50	0·55
Cuxhaven ...	29·77	55	SW	2	bc	29·66	+·07	56	55	-3	SW	1	c	*	?	49	0·10
‡Sumburgh Head	29·57	53	SSE	3	c	29·64	+·22	54	52	0	SSE	2	b	3	58	44	-
‡Stornoway ...	29·53	56	SSW	4	b	29·61	+·18	53	51	+3	S	3	c	2	69	46	-
Wick	29·57	52	S	1	bc	29·64	+·19	52	50	+3	ENE	1	bc	1	57	45	0·12
Nairn	29·56	55	WSW	3	bc	29·64	+·15	52	50	0	WSW	1	0	0	62	47	0·03
‡Aberdeen	29·69	55	W	0	c	29·68	+·16	50	48	-3	SW	1	bc	1	62	40	-
Leith	29·62	57	W	3	c	29·70	+·15	56	52	+3	W	1	b	*	63	48	0·01
‡Shields	29·66	57	W	2	c	29·78	+·17	53	51	+2	SSW	2	cm	2	62	45	0·01
Spurn Head ...	29·71	58	W	4	bc	29·82	+·21	54	53	0	WSW	5	c	3	61	51	0·04
York	29·71	58	W	4	bc	29·81	+·21	54	52	-5	WSW	2	0	*	63	49	0·07
Loughborough ...	29·77	58	W	4	bc	29·85	+·20	51	53	+3	WSW	3	bcv	*	62	52	0·01
‡Ardrossan ...	29·64	54	W	3	bcp	29·71	+·14	54	53	-1	SW	2	op	2	60	52	0·05
‡Mullaglmore ...	29·73	54	W	6	opq	29·70	+·06	55	53	+1	S	3	cm	2	58	49	0·25
Donaghadee ...	29·70	54	NNW	2	bc	29·75	+·12	54	52	+1	NW	2	0	0	61	49	0·15
Parsonstown ...	29·82	54	W	2	0	29·75	+·01	58	57	+5	SW	1	cm	*	60	49	0·04
Barrow-in-Furness	29·69	57	WSW	5	0	29·76	+·17	55	52	+3	WSW	4	cp	4	59	52	0·20
‡Holyhead ...	29·70	56	WSW	4	c	29·80	+·13	55	52	+2	S	3	r	2	60	52	0·01
Liverpool (Bidston)	29·75	52	W	4	0	29·81	+·16	57	52	+5	SSW	1	c	3	59	49	0·31
‡Valencia	29·90	54	WSW	3	rm	29·88	-·02	59	57	+5	WSW	4	rm	4	63	53	0·57
Roche's Point ..	29·87	59	W	4	0	29·81	-·01	61	60	+6	W	3	c	3	63	53	0·10
Pembroke ...	29·84	59	W	6	bc	29·83	+·09	58	58	+3	W	3	r	2	59	54	0·16
‡Scilly	29·97	60	WNW	5	c	29·95	+·12	61	61	+2	WSW	6	r	6	61	56	0·15
Prawle Point ...	29·95	57	WNW	4	bc	29·94	+·17	60	60	+3	WSW	3	0	4	65	55	0·17
Hurst Castle ...	29·88	61	W	5	b	?29·93	+·22	62	61	+6	W	6	c	4	65	56	0·02
‡Dungeness ...	29·88	62	W	3	bc	29·94	+·24	57	57	0	WSW	2	r	2	67	54	0·05
‡London... ...	29·83	59	SW	3	bc	29·91	+·23	58	55	+1	SW	2	0	*	64	52	-
Oxford	29·88	59	W	4	c	29·89	+·20	54	53	0	S	3	cd	*	63	52	0·03
Cambridge ...	29·81	58	SW	1	bc	29·88	+·21	56	53	+1	SW	1	0	*	66	48	0·03
‡Yarmouth ...	29·78	60	WNW	1	bc	29·85	+·21	58	53	+3	WSW	3	b	2	61	50	0·01
The Helder ..	29·78	58	WSW	1	bc	29·84	+·19	59	54	0	SW	3	c	3	61	55	0·16
Cape Griz Nez...	?	61	W	7	bc	?	?	60	57	+4	W	8	0	6	64	55	0·08
‡Jersey	29·98	58	W	4	bc	29·99	+·20	61	61	+3	WSW	6	cfp	5	62	54	0·17
Brest	30·06	60	WNW	4	0	30·09	+·28	60	60	+5	W	5	m	5	64	54	-
Lorient	30·06	60	NW	7	bc	30·13	+·23	61	59	+2	W	7	m	4	66	55	-
‡Rochefort ...	30·14	65	NW	8	bc	30·25	+·28	64	59	+1	WNW	4	0	2	68	57	-
Biarritz	30·19	67	NNW	5	c	30·25	+·26	61	59	-1	S	4	bc	4	70	59	0·16
Coruña	*	*	*	*	*												
Brussels ...	*	*	*	*	*	29·98	+·25	55	53	-1	SW	3	0	*	64	52	0·16
Charleville ...	?29·84	59	W	4	0	?30·10	+·35	51	49	-7	SSW	4	0	*	75	43	0·28
Paris	29·97	60	W	4	bc	?30·12	+·28	58	54	0	WSW	3	0	*	*	*	0·04
Lyons	30·03	59	E	1	c	30·21	+·29	66	63	0	NNE	1	b	*	66	52	0·16
Toulon	30·12	64	WNW	4	0	30·15	+·03	69	48	-6	NW	8	bc	5	75	52	-

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

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Fred^k Hangerzicht Lith. London

WEATHER CHARTS

for 8 a.m. on Saturday. 30th August 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

» ⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

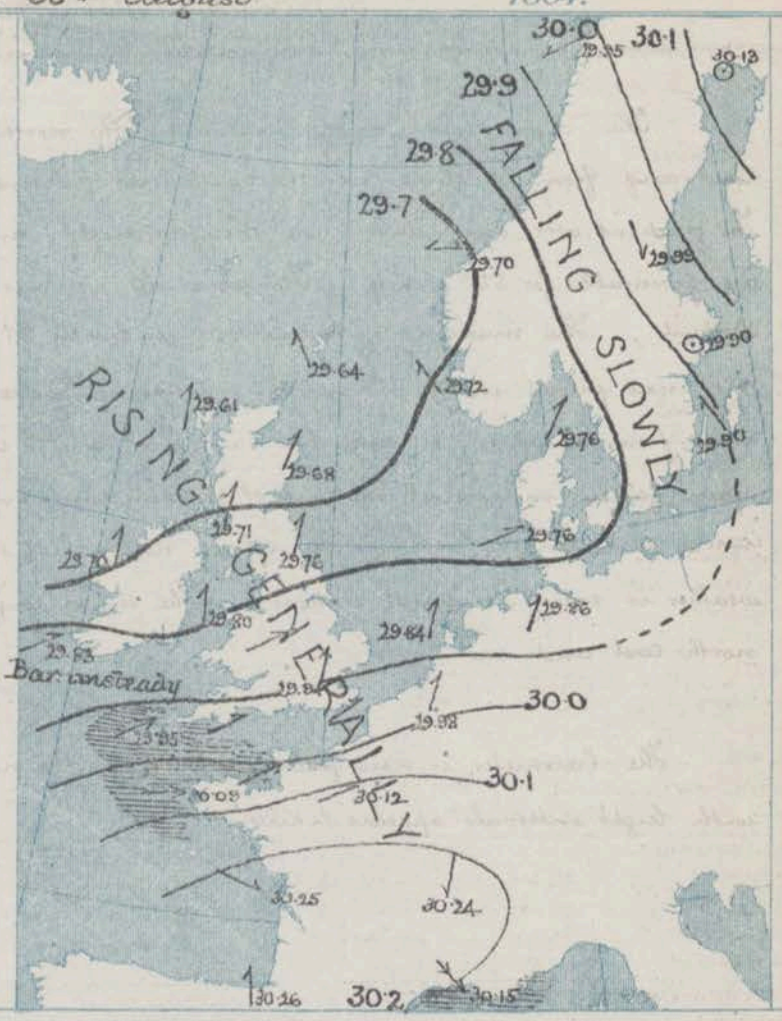
Sea Disturbance — *where considerable is shown thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	inc
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 852
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 866
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 909
Roche's Point	29 · 905
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 928
Cambridge	29 · 929
Yarmouth	29 · 928



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

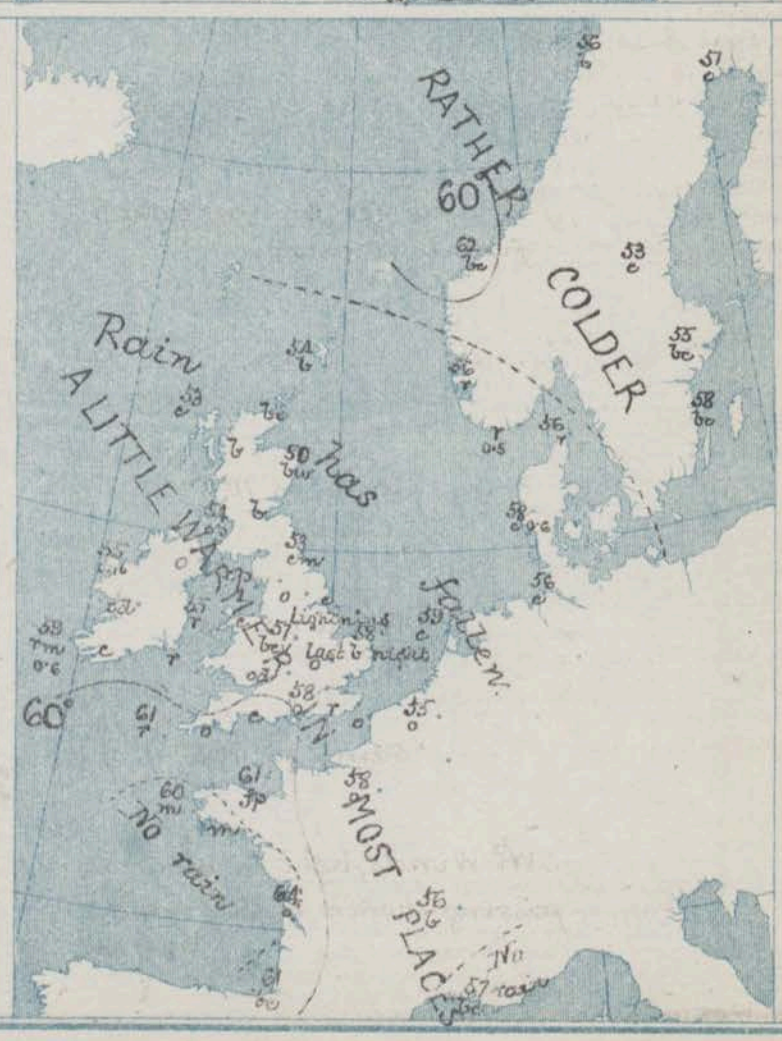
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	inc
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 82
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 83
Liverpool	59 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	58 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	62 · 3	59 · 6	2 · 24
LONDON	61 · 8	58 · 5	2 · 45
Oxford	59 · 8	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 7	58 · 5	2 · 26

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Saturday 30th August. 1884. at 8 a.m.

The depressions recently noticed in the north and north-east are dispersing and barometric readings now vary from 30·25 ins: over the south-west of France and 30·1 ins: in the north of Sweden to 29·6 ins: at Stornoway. The gradients over our islands are, therefore, slight, and favourable for SWly winds, while those over Continental Europe are favourable for SEly winds. Temperature over our islands varies from 62° at Hurst Castle to about 51° or 52° in Scotland. The maxima yesterday were as low as 60° to 65° at nearly all our stations. Strong breezes from W. and WSW. now prevail in the Channel and west of France, but over our Islands generally the wind is moderate or light from about WSW., and has backed to the Sth at our extreme north-western stations. Showers of rain have again fallen in almost all parts of the Kingdom, and lightning has been prevalent over our eastern counties. Aurora was seen at Wick. The sky is now clear in Scotland, cloudy over Ireland and England, and the weather is rainy at several stations. The sea is rough in the Channel, moderate in the west, smooth in the north-east and east.

The barometer is now falling a little in the north-west, so that a continuation of mild showery weather with bright intervals appears likely.

FORECASTS

for the 24 hours ending at NOON on 31st August. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Sly and SEly breezes, light; fine to showery.	6 SCOTLAND WEST	SWly winds, moderate; showery.
1 SCOTLAND EAST	----- D° ----- D° ----- D° ----	7 ENGLAND N.W.	----- D° ----- D° ----- D° ----
2 ENGLAND N.E	Same as No 5.	8 ENGLAND S.W	Same as No 5.
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	Sly and SWly winds; dull, rain at times.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	----- D° ----- D° ----- D° ----
5 ENGLAND SOUTH	SWly winds, light to moderate; passing showers, with bright intervals.	WARNINGS	None issued.

Frederick Dangerfield, Lith. London. (53).

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.61	62	57	ENE	4	o	4	Valencia	29.90	61	55	W	5	bc	5
Sumburgh Head	29.55	57	53	SSE	5	bc	6	Scilly	29.93	60	54	WNW	6	c	6
Stornoway	29.49	57	52	WSW	4	bc	3	Dungeness	29.76	66	57	WSW	4	bc	5
Aberdeen	29.57	58	52	S	3	b	1	London	29.76	63	52	WNW	3	cp	*
Shields	29.62	61	54	W	3	bc	2	Yarmouth	29.70	58	53	NW	3	bc	2
Ardrossan	29.62	55	55	E	2	c	2	Jersey	29.92	61	56	WNW	5	bc	5
Mullaghmore	29.69	56	52	W	6	ogp	6	Rochefort	30.09	63	59	NW	7	o	2
Holyhead	29.75	60	55	WSW	4	c	3								

REMARKS.

The barometer continues to rise at all stations excepting Valencia, where the rise has ceased since noon; beyond this little change of importance has occurred. The sea is rough in the west, south, and north, smooth in the east.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Sunday 31st August 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.
Haparanda	30.02	48	S	2	bc	30.03	— .10	49	45	— 2	NE	2	bc	*	54	37	—
Hernösand ...	29.99	51	NE	4	c	29.96	— .03	50	47	— 3	N	2	c	*	63	46	0.04
Stockholm ...	29.94	50	NE	2	c	29.82	— .08	55	48	0	E	4	b	*	63	46	—
Wisby	29.78	56	ESE	4	r	29.71	— .19	57	54	— 1	E	6	c	*	64	52	—
Bodö	29.91	52	E	2	b	29.91	— .04	53	50	— 3	NE	2	b		64	48	—
Christiansund ...	29.70	62	S	1	c	29.73	+ .03	58	56	— 4	S	1	c	2	68	64	0.04
‡Skudesnaes ...	29.75	53	Z	0	b	29.74	+ .02	53	51	— 3	NNE	2	r	3	59	?	—
Oxö (Christiansund) ...	29.75	58	NW	1	c	29.73	.00	54	50	— 2	N	4	r	2	61	54	0.08
Skagen (The Skaw)	29.75	54	WSW	2	r	29.73	— .03	56	55	0	ESE	3	r	3	57	52	0.47
Fanö	29.78	55	Z	0	c	29.76	.00	60	57	+ 2	Z	0	bc	*	63	48	0.16
Cuxhaven ...	29.82	59	W	2	r	29.82	— .04	58	57	+ 2	SW	1	c	*	58	52	0.12
‡Sumburgh Head	29.66	54	SE	2	b	29.61	— .03	55	53	+ 1	SE	4	c	3	60	45	—
‡Stornoway ...	29.61	55	ENE	3	c	29.55	— .06	52	50	— 1	SSW	4	r	4	59	48	0.11
Wick	29.63	54	S	1	bc	29.60	— .04	54	51	+ 2	W	2	bc	1	61	49	—
Nairn	29.62	58	WSW	1	bc	29.61	— .03	53	50	+ 1	WSW	1	bc	1	61	50	0.02
‡Aberdeen	29.65	55	Z	0	c	29.64	— .04	57	53	+ 7	SW	1	b	0	63	49	0.11
Leith	29.67	56	S	1	b	29.66	— .04	55	51	— 1	W	1	bc	*	61	52	0.01
‡Shields	29.72	58	S	2	c	29.68	— .08	55	54	+ 2	Z	0	cm	1	60	50	—
Spurn Head ...	29.75	62	SW	2	c	29.73	— .09	61	60	+ 7	WSW	2	c	2	64	54	—
York	29.75	57	ENE	1	c	29.73	— .08	59	55	+ 5	WSW	1	c	*	64	53	0.03
Loughborough...	29.77	63	SW	4	c	29.77	— .08	61	58	+ 4	WSW	3	c	*	66	50	—
‡Ardrossan ...	29.67	58	SW	2	cp	29.67	— .04	55	54	+ 1	WSW	2	c	1	60	52	0.02
‡Mullaghmore ...	29.70	57	W	5	c	29.69	— .01	53	50	— 2	SW	4	c	2	61	50	0.03
Donaghadee ...	29.69	60	NW	2	bc	29.70	— .05	53	52	— 1	WNW	2	c	0	62	45	—
Parsonstown ...	29.71	59	SW	1	c	29.73	— .02	52	50	— 6	Z	0	cg	*	65	52	0.04
Barrow-in-Furness	29.71	59	NW	2	bc	29.71	— .05	55	53	0	WSW	2	bc	3	60	54	0.12
‡Holyhead ...	29.75	61	SSW	3	bc	29.73	— .07	57	54	+ 2	SSW	1	bc	1	63	52	0.08
Liverpool (Bidston)	29.73	62	WSW	3	c	29.74	— .07	57	53	0	W	1	c	3	64	54	0.03
‡Valencia	29.83	58	WNW	1	c	29.73	— .10	55	53	— 4	Z	0	c	1	63	51	0.07
Roche's Point ..	29.80	61	W	4	c	29.74	— .07	56	54	— 5	SE	1	c	3	66	54	0.09
Pembroke ...	29.80	61	WSW	6	c	29.71	— .12	58	55	0	E	1	dm	2	62	57	0.56
‡Scilly	29.92	62	WSW	4	c	29.79	— .16	62	62	+ 1	SW	5	r	5	65	56	0.11
Prawle Point ...	29.94	60	SW	5	m	29.84	— .10	60	60	0	SW	4	f	4	61	58	0.05
Hurst Castle ...	29.90	63	W	7	c	29.84	— .09	63	63	+ 1	WSW	6	c	5	67	60	0.05
‡Dungeness ...	29.87	63	WSW	6	c	29.85	— .09	62	62	+ 5	WSW	6	r	5	65	57	0.28
‡London... ...	29.83	64	WSW	2	c	29.81	— .10	63	62	+ 5	WSW	2	c	*	68	57	0.10
Oxford	29.84	61	SW	3	c	29.79	— .10	61	59	+ 7	SW	1	rg	*	65	54	0.12
Cambridge ...	29.81	64	S	1	c	29.78	— .10	63	62	+ 7	SW	1	cf	*	65	54	0.10
‡Yarmouth ...	29.81	63	SW	1	c	29.77	— .08	62	61	+ 4	SW	1	c	2	65	55	0.08
The Helder ...	29.84	59	WSW	1	c	29.78	— .06	63	60	+ 4	WSW	3	c	3	63	56	—
Cape Griz Nez...																	
‡Jersey	30.00	62	W	5	cm	29.92	— .07	62	61	+ 1	WSW	4	cm	4	64	60	0.01
Brest	30.06	61	W	4	m	29.95	— .14	60	60	0	SW	5	f	5	63	59	—
Lorient	30.12	63	W	4	m	29.97	— .16	63	61	+ 2	WSW	5	c	2	66	59	0.08
‡Rochefort ...	30.22	68	W	4	b	30.12	— .13	?	59	?	SSE	3	b	2	72	55	
Biarritz	30.18	66	N	3	b	30.06	— .19	69	57	— 2	SE	2	c	2	72	55	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.90	— .08	62	60	+ 7	SW	4	r	*	62	?	0.32
Charleville ...	?29.97	57	NNW	5	c	?29.93	— .17	60	57	+ 9	NNW	4	c	*	61	?	?
Paris	30.04	61	W	4	c	30.04	— .08	63	59	+ 5	WSW	3	c	*	*	*	0.04
Lyons	30.18	62	NNW	1	b	30.14	— .07	59	55	+ 3	NW	1	c	*	70	54	—
Toulon	30.16	63	NW	7	b	30.23	+ .08	70	58	+ 13	SE	3	b	2	72	57	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 3 p.m. In Sweden Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Sunday 31st August *1884.*

BAROMETER, WIND & SEA.

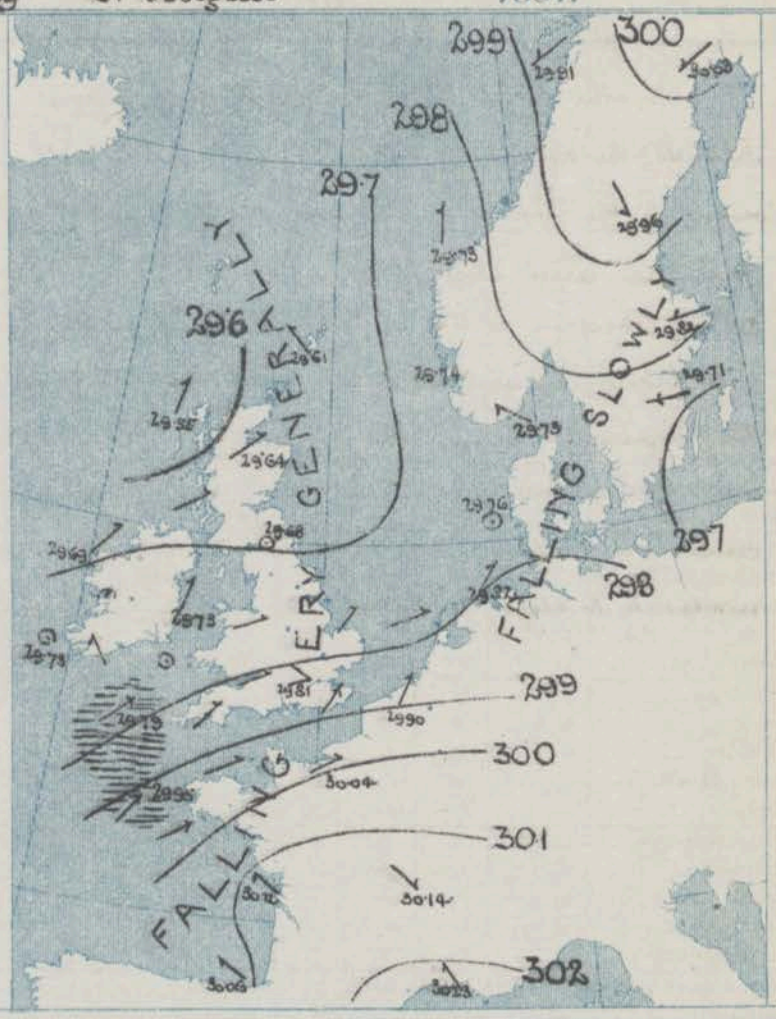
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

= forces above 10; = forces 8 to 10;
= forces 5 to 7; = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August
During the 10 Years 1871 — 1880.

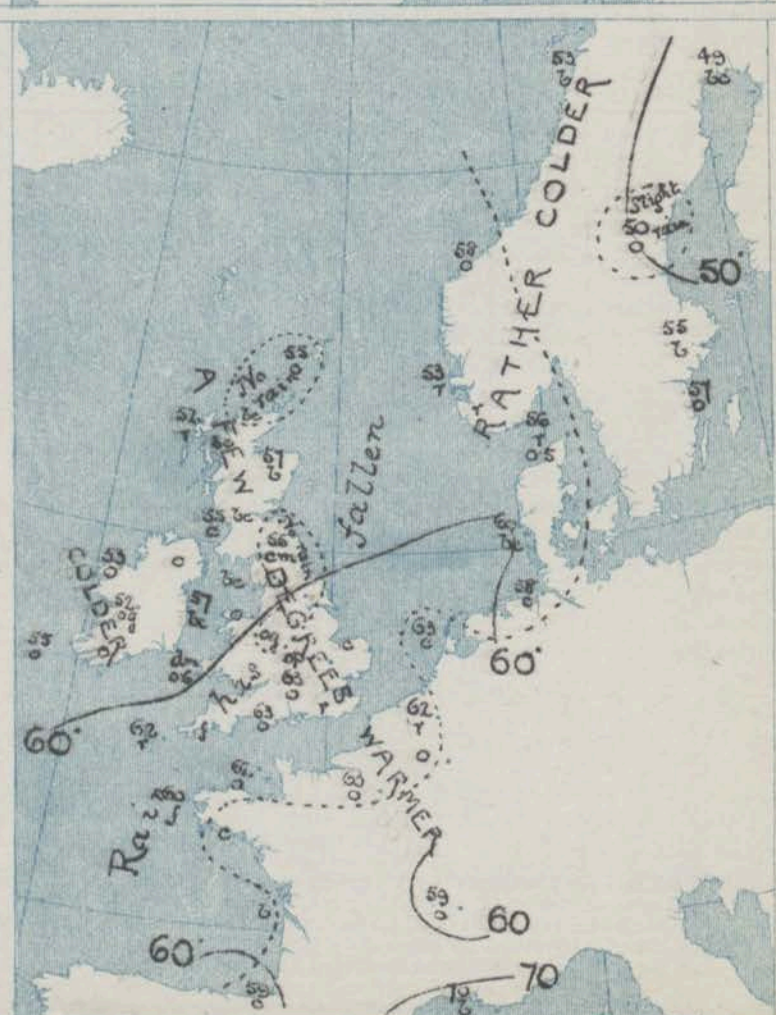
STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29 · 806
Stornoway	29 · 800
Wick	29 · 822
Nairn	29 · 829
Aberdeen	29 · 835
Leith	29 · 852
Shields	29 · 876
York	29 · 905
Ardrossan	29 · 856
Donaghadee	29 · 868
Holyhead	29 · 893
Liverpool	29 · 898
Valencia	29 · 908
Roche's Point	29 · 908
Pembroke	29 · 910
Scilly	29 · 951
Hurst Castle	29 · 949
Dover	29 · 945
LONDON	29 · 943
Oxford	29 · 929
Cambridge	29 · 929
Yarmouth	29 · 928

TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather is shown by Letters of the Beaufort Scale.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.



MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
	°	°	ins
Sumburgh Head	54 · 1	52 · 4	3 · 49
Stornoway	55 · 8	53 · 9	3 · 62
Wick	55 · 6	53 · 6	2 · 43
Nairn	56 · 0	53 · 1	2 · 99
Aberdeen	56 · 8	53 · 9	3 · 33
Leith	58 · 1	55 · 2	2 · 62
Shields	58 · 0	55 · 3	2 · 74
York	58 · 7	56 · 0	2 · 57
Ardrossan	57 · 8	55 · 0	4 · 19
Donaghadee	57 · 3	55 · 9	3 · 09
Holyhead	58 · 9	56 · 9	2 · 03
Liverpool	58 · 2	56 · 1	2 · 65
Valencia	59 · 8	57 · 1	4 · 64
Roche's Point	59 · 4	56 · 8	3 · 66
Pembroke	59 · 4	57 · 1	3 · 11
Scilly	61 · 3	59 · 3	2 · 63
Hurst Castle	61 · 7	59 · 8	2 · 54
Dover	63 · 3	59 · 6	2 · 24
LONDON	61 · 9	58 · 5	2 · 46
Oxford	59 · 6	57 · 3	2 · 46
Cambridge	60 · 7	57 · 9	2 · 26
Yarmouth	61 · 4	58 · 6	2 · 26

NOTE – *The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 15 years 1866–80.*

REMARKS.

for Sunday 31st August. 1884, at 8 a.m.

In the course of the past twenty-four hours a very general fall of the barometer has set in over our Islands; on our south-west coast, however, the fall is somewhat more decided than elsewhere, apparently owing to the approach of some slight disturbances from the Atlantic. Over Northern Europe the high pressure area still holds. Temperature has risen in most places, and readings at present range from 50° at Aberdeen to 62° at Hurst Castle. The maxima yesterday were 68° at Oxford, 67° at Hurst Castle, and between 60° and 66° at our other stations. The wind is S. and S.W. in direction, strong in force at the Channel stations, light elsewhere. Showers of rain have fallen in almost all parts of the Kingdom and thunder was heard in London last evening. The sky is now clear at several of the Scotch stations, cloudy over England and Ireland with rain in several places. The sea is rather rough in the Channel, moderate to slight elsewhere.

FORECASTS

for the 24 hours ending at NOON on 1st Sept. 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.95	59	55	Z	0	b	4	Valencia	29.84	61	59	W	4	c	4
Sumburgh Head	29.67	51	53	SE	2	b	2	Scilly	29.95	65	63	WSW	5	o	5
Stornoway	29.63	57	52	SSW	4	cp	3	Dungeness	29.89	64	63	SW	6	o	6
Aberdeen	29.68	57	54	SSE	1	c	0	London	29.85	66	61	SW	3	o	*
Shields	29.74	59	57	? SSE	2	o	2	Yarmouth	29.84	65	59	WSW	2	bcw	2
Ardrossan	29.10	59	59	SW	2	c	2	Jersey	30.01	62	62	W	6	o	5
Mullaghmore	29.70	60	57	W	5	o	4	Rochefort	30.25	69	64	W	5	o	2
Holyhead	29.75	61	59	W	4	o	4								

REMARKS.

No important change has occurred since the morning.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR AUGUST 1864

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
1st	Coruña	*	*	*	*	*	30·17	−·04	61	61	−16	NW	1	m	2	82	52	-
4th	Coruña	*	*	*	*	*	30·24	-	72	69	-	NE	1	m	3	72	52	-
5th	Coruña	*	*	*	*	*	30·13	−·11	72	68	0	ENE	1	m	2	72	54	-
6th	Coruña	*	*	*	*	*	30·04	−·09	74	69	+2	NW	1	m	0	81	55	.
7th	Coruña	*	*	*	*	*	30·13	+·09	67	67	−1	ENE	1	f	0	79	57	-
9th	Coruña	*	*	*	*	*	29·95	-	77	72	-	ESE	1	m	2	81	59	?
11th	Fano	29·96	59	W	1	b	30·00	·00	64	62	−2	NNW	2	bc	*	72	57	0·2
..	The Helder	29·98	68	ENE	1	bc	30·02	−·04	65	63	−3	ESE	1	c	1	72	63	-
12th	Coruña	*	*	*	*	*	30·17	-	71	68	-	WSW	1	b	2	79	70	-
13th	The Helder	29·98	72	S	2	0	29·99	−·03	68	65	0	SSW	1	c	1	77	66	-
..	Coruña	*	*	*	*	*	30·13	−·04	71	68	0	NNE	1	c	2	81	67	-
..	Toulon	30·17	75	S	1	m	30·14	−·16	74	66	+1	NW	2	bc	2	84	68	-
15th	Coruña	*	*	*	*	*	30·15	-	62	60	-	ENE	1	b	4	70	48	-
16th	Fano	30·10	61	W	0	c	30·45	+·18	65	61	+4	SSE	1	b	*	?	55	0·08
..	Coruña	*	*	*	*	*	30·16	+·01	66	64	+4	E	1	b	1	77	52	-
18th	Stornoway	29·85	59	SSE	3	0	29·82	−·08	56	53	0	S	4	0	3	60	51	0·02
..	Coruña	*	*	*	*	*	30·15	-	64	64	-	NW	1	0	0	77	50	-
19th	Coruña	*	*	*	*	*	30·16	+·01	64	60	0	E	1	b	2	77	48	-
21st	Coruña	*	*	*	*	*	30·16	-	69	66	-	NNE	5	c	4	77	54	-
22nd	Coruña	*	*	*	*	*	30·01	−·15	67	63	−2	ENE	1	b	2	70	52	-
23rd	Coruña	*	*	*	*	*	30·02	+·01	66	65	−1	NNW	1	0	3	79	54	0·08
24th	Wick	29·94	60	S	1	0	29·91	−·06	58	58	−5	W	0	f	0	68	56	0·12
25th	Coruña	*	*	*	*	*	30·07	+·02	67	66	+1	WSW	1	f	3	81	59	0·24
27th	Coruña	*	*	*	*	*	30·21	-	61	59	-	NE	1	b	4	68	48	-
28th	Coruña	*	*	*	*	*	30·06	−·15	66	63	+5	NNE	1	b	3	75	50	-
29th	Coruña	*	*	*	*	*	30·25	+·19	64	62	−2	N	1	bc	3	72	54	-
30th	Coruña	*	*	*	*	*	30·32	+·07	61	58	−3	E	1	m	5	73	46	-

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

(The Stations are grouped in Districts, and then arranged in order of

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature: At 8 am.	Means of: Minima	Means of: Maxima	Means of: Min. and Max. combined	Absolute Extremes: Minimum	Absolute Extremes: Date	Absolute Extremes: Maximum	Absolute Extremes: Date	Tension of Vapour
		ins.	°	°	°	°	°		°		ins.
0. SCOTLAND, N.	Sumburgh Head ...	29·889	55·1	50·2	59·7	55·0	41	27th	65	18th	0·391
	Wick	29·886	56·5	50·5	64·1	57·3	37	27th	73	6th	·398
	Stornoway	29·827	55·8	50·5	61·8	56·2	41	27th	71	9th	·390
1. SCOTLAND, E.	Nairn	29·882	58·2	52·6	67·2	59·9	40	27th	77	9th + 10th	·380
	Aberdeen	29·927	58·2	50·9	66·1	58·5	40	29th + 30th	71	11th, 14th, 16th, 17th, 18th + 23rd	·396
	Leith	29·932	59·0	52·4	67·3	59·9	44	29th	80	23rd	·380
2. ENGLAND, N.E.	Shields	29·975	58·1	52·2	66·3	59·3	42	26th	79	24th	·406
	York	30·001	60·1	52·9	74·0	63·5	43	26th	87	11th	·416
	Spurn Head ...	30·000	60·6	56·6	66·7	61·7	49	26th	76	2nd	·476
3. ENGLAND, E.	Yarmouth	30·010	63·3	58·2	68·3	63·3	44	27th	75	13th	·483
	Cambridge	30·014	62·5	52·6	76·4	64·5	43	26th + 27th	91	11th	·458
4. MIDLAND COUNTIES.	Loughborough ...	30·013	59·8	52·3	74·6	63·5	42	5th	89	8th & 11th	·426
	Oxford	30·024	61·1	54·0	73·9	64·0	45	26th	89	11th	·432
5. ENGLAND S.	London	30·032	64·2	54·8	76·9	65·9	47	26th	92	11th	·452
	Dover	30·024	64·2	57·2	70·2	63·7	46	26th	78	9th	·467
	Hurst Castle ...	30·027	63·6	56·1	72·3	64·2	46	26th + 27th	81	8th, 9th, 10th + 11th	·482
6. SCOTLAND, W.	Ardrossan	29·931	58·9	54·2	64·5	59·4	45	20th	76	8th	·444
7. ENGLAND, N.W.	*Hawes Junction ...	29·780	57·5	49·6	65·0	57·3	38	26th	78	8th	·396
	Barrow-in-Furness...	29·970	59·5	56·3	67·3	61·8	50	29th	80	8th	·421
	Liverpool Obsy (Bidston)	29·983	61·6	55·8	70·1	63·0	47	29th	85	24th	·400
	Holyhead	29·987	60·6	55·3	66·6	61·0	50	29th	79	1st	·433
8. ENGLAND, S.W.	Pembroke	29·996	60·3	56·7	64·8	60·8	51	26th	73	28th	·437
	Prawle Point ...	30·028	63·5	56·6	68·5	62·6	48	26th	79	11th	·470
9. IRELAND, N.	Donaghadee ...	29·953	57·6	52·2	64·2	58·2	43	29th	71	23rd	·422
	Mullaghmore ...	29·907	57·4	54·4	64·5	59·5	49	28th, 29th + 30th	74	1st	·392
10 IRELAND, S.	Parsonstown ...	29·973	57·0	51·4	67·1	59·3	40	25th	76	9th + 10th	·394
	Valencia	29·972	58·9	54·0	63·7	58·9	47	9th	69	23rd	·426
	Roche's Point	29·996	59·9	54·5	66·8	60·7	48	26th	73	23rd	·433
CHANNEL ISLANDS.	Scilly (St. Mary's)...	30·007	62·8	57·7	66·8	62·3	53	29th	72	7th	·465
	Jersey (Noirmont)...	30·031	64·5	58·5	71·4	65·0	50	22nd	86	10th	·489

*Hawes Junction is 1135 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the month of AUGUST 1884.
at 8 a.m. daily.

Latitude, beginning in each case with the Station lying furthest North.)

Relative Humidity	Amount of Cloud	Rainfall: Total Fall in the month	Rainfall: Maximum Fall in one day	Rainfall: Date	Weather, No. of Days of: Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	Wind, No. of observations of: North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
90	6·8	2·04	0·70	13th	14	0	0	0	5	12	1	2	0	2	7	10	2	6	0	2
87	6·6	3·01	0·45	12th	16	0	0	1	3	13	0	0	0	2	2	13	5	4	3	2
87	7·5	4·09	0·69	10th	23	0	1	2	5	17	5	1	0	1	2	16	4	3	1	3
78	5·8	1·38	0·55	12th	11	0	0	2	9	12	1	0	0	1	1	2	8	3	1	15
81	5·4	2·08	0·73	28th	14	0	1	2	12	10	0	2	0	0	2	15	6	2	2	2
76	5·0	2·03	1·63	12th	11	0	0	4	9	14	0	1	2	3	5	1	6	8	4	1
83	7·5	0·65	0·25	24th	8	0	0	2	4	14	0	0	1	1	4	5	10	5	0	5
80	5·2	1·25	0·69	31st	10	0	0	0	12	6	0	3	1	1	2	8	2	8	5	1
90	3·5	1·81	0·66	9th	9	0	0	2	14	3	0	1	1	4	8	2	3	6	5	1
82	2·7	2·90	1·85	12th	10	0	1	1	20	3	0	2	0	6	6	4	2	4	6	1
81	3·8	1·63	0·40	27th	13	0	0	3	18	9	0	7	1	2	2	2	12	1	4	0
83	6·2	1·75	0·92	31st	8	0	0	1	5	11	0	1	2	3	4	2	2	10	3	4
80	4·3	1·47	0·56	31st	11	0	0	1	17	8	0	2	1	1	2	3	8	4	1	9
75	4·1	0·93	0·27	27th	9	0	0	0	15	6	0	2	0	5	4	2	8	6	3	1
78	4·0	1·40	0·38	27th	9	0	0	1	12	5	0	1	3	3	3	1	5	4	5	6
82	3·9	1·65	0·87	27th	8	0	0	2	15	1	2	2	8	4	2	1	3	7	3	1
90	6·4	3·75	1·50	12th	18	0	0	1	9	14	1	1	4	4	2	5	5	3	1	6
83	4·4	1·67	0·49	27th	12	0	0	3	15	10	0	1	5	2	2	5	8	5	3	0
83	5·2	1·41	0·47	27th	9	0	0	1	8	6	0	1	9	1	6	2	3	5	4	0
74	4·8	2·39	0·78	27th	11	0	0	1	12	8	0	0	1	2	11	4	5	6	2	0
82	5·0	1·36	0·50	10th + 27th	9	0	0	1	8	3	0	1	0	1	0	11	10	4	3	1
84	6·8	1·55	0·56	30th	12	0	0	0	3	8	1	2	0	8	3	2	3	8	4	1
80	4·0	1·47	0·68	31st	11	0	0	2	14	6	0	3	6	7	0	0	4	7	1	3
89	7·0	1·73	0·88	27th	13	0	0	1	3	13	0	4	2	1	0	6	4	10	4	0
83	7·8	3·70	0·89	16th	21	0	0	0	1	10	4	0	0	3	1	8	8	8	3	0
8[illegible]	7·4	1·34	0·36	16th	12	0	0	0	4	18	0	1	0	0	4	6	5	5	0	10
87	8·2	4·23	0·65	15th	22	0	0	0	1	18	3	3	0	0	4	6	7	5	3	3
85	6·3	0·92	0·23	27th	12	0	0	1	5	8	0	3	1	0	3	4	5	11	4	0
81	6·7	2·25	0·82	31st	13	0	0	0	4	9	2	4	1	5	2	3	5	6	3	2
87	4·5	1·24	0·20	13th	10	0	0	4	13	9	3		4	6	1	0	5	6	4	4

Barometric Observations at this station are not corrected for altitude

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2. CORRECTIONS.

DATE.	STATIONS.	♦ YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
1st	Leith	-	-	-	-	-	29.5	-.01	-	-	-	-	-	-	-	-	-	-
"	Mullaghmore	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
"	Jersey 2pm	-	-	-	-	-	-	-	79	-	-	-	-	-	-	-	-	-
2nd	Nairn	-	-	-	-	-	29.65	-.44	-	-	-	-	-	-	-	-	-	-
"	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-
5th	Mullaghmore 2pm	-	-	-	-	-	30.03	-	68	59	-	v SW	5	c	4	-	-	-
6th	Mullaghmore 2pm	-	-	-	-	-	29.95	-	-	-	-	-	-	-	-	-	-	-
7th	Stornoway	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Mullaghmore	-	-	WSW	-	-	-	-	-	-	-	-	-	-	1	-	-	-
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
10th	Dungeness	-	-	-	-	-	29.99	-	-	-	-	-	-	-	-	-	-	+
"	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
11th	Loughborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
"	Passaiton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04
"	Shawle Point	-	-	-	-	-	29.90	-.03	-	-	-	-	-	-	-	-	-	-
"	Cambridge	?29.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13th	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-
"	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
14th	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
15th	Leith	29.93	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Spurn Head	29.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16th	Lumburgh Hd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-
"	Nairn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
"	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65
"	Lumburgh Hd 2pm	-	-	-	-	-	29.88	-	-	-	-	-	-	-	-	-	-	-
"	Scilly 2pm	-	-	-	-	-	-	-	70	-	-	-	-	-	-	-	-	-
17th	Lumburgh Head	-	-	-	-	-	-	-	-	-	-	-	1	c	-	-	-	-
"	Mullaghmore	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
18th	Mullaghmore 2pm	-	-	-	-	-	29.77	-	-	-	-	-	-	-	-	-	-	-
20th	York	-	-	-	-	-	30.03	.21	-	-	-	-	-	-	-	-	-	-
"	Jersey	-	-	-	-	-	30.06	+ .12	-	-	-	-	-	-	-	-	-	-
21st	Aldrossan	-	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22nd	Spurn Head	-	-	-	-	-	?30.23	+ .05	-	-	-	-	-	bm	-	-	-	-
"	Loughborough	-	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23rd	Aldrossan 2pm	-	-	-	-	-	-	-	66	-	-	-	-	-	-	-	-	-
24th	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-
25th	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25
"	Liverpool	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-
"	Valencia	-	-	-	-	-	-	-	-	55	-	-	-	-	-	-	-	-
26th	Aberdeen 2pm	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
27th	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
"	Passaiton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
28th	Lumburgh Hd 2pm	-	-	-	-	-	-	-	-	48	-	-	-	-	-	-	-	-
29th	Mullaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40
30th	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
31st	Stornoway	-	-	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-